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Top Skills

Generative AI
Autogen
PostgreSQL

Asim Ranginwala

Staff Engineer at Bestow
Irving, Texas, United States

Summary

Hi! I'm Asim (pronounced AH-sim, like "awesome" without the 'w'). I'm a full-stack engineer that loves to make difficult things easy with an extreme leaning towards pragmatism. I enjoy understanding the business value of software and engineering solutions. I have a heavy focus on backend technologies.

Throughout my career, I have taken on various levels of responsibilities, from hands-on coding to leading projects and organizations, and each experience has reinforced my love for engineering. I value teamwork and coordinating efforts to achieve common objectives.

If you're looking for someone who can bring a blend of technical expertise, business acumen, and a passion for teamwork to your organization, I'd love to connect and explore potential opportunities.

Experience

Bestow
Staff Software Engineer
October 2018 - Present (5 years 9 months)
Dallas, Texas, United States

Led the transformation of a prototype into a robust production enterprise software, enabling the online sales of term life insurance to customers. This system became a cornerstone for our online sales strategy.

Improved process efficiency by reducing implementation time from 6 months to 1 week, greatly improving client satisfaction. The technologies and concepts invented to achieve this was patented by our company, with me as one of the authors.

Participated and led projects that allowed the business to go from a Direct to Consumer to a B2B platform.

Decomposed monolithic architecture into distinct, scalable services only when necessary, after thoroughly evaluating the pros and cons, ensuring the transition was timely and beneficial.

Technologies used: Python, Postgres, Flask, REST, gRPC, Protocol Buffers, Java, Drools, Kubernetes, Docker, CircleCI, Git, NewRelic

Edible Arrangements

Engineering Manager

March 2018 - October 2018 (8 months)

Atlanta, Georgia, United States

Led the "Lift and Shift" effort to migrate numerous services from on-premises to the cloud in order to improve scalability.

Created an on-shore team to complement and lead the existing off-shore teams, enabling real-time communication with the business. This approach facilitated the on-shore definition of solutions while off-shore teams handled software development, resulting in greater alignment with business needs.

Consulted Edible's offshoot company that service franchises with software solutions.

Balfour

Team Lead & Senior Software Architect

February 2017 - March 2018 (1 year 2 months)

Dallas/Fort Worth Area

Team lead and software architect for Balfour's Yearbook and Ecommerce management product Studio Balfour. This software suite is used by account executives and school staff to monitor the progress of the Yearbook development from contract to print to marketing and sales on Balfour's ecommerce platform. The suite was developed using Python, Flask, React, Redux, JavaScript (ES6), Redis, HTML5, CSS3, Docker, RabbitMQ, Amazon Web Services (EC2, S3, MySQL, Lambda), Splunk.

Designed RESTful API to microservices written in Python and Flask. This allowed Balfour to scale the services as needed reducing costs and increasing scalability and predictability of the data coming into the applications.

Built a team of developers that worked on the entire suite of applications. Established an extremely collaborative environment that led to a culture of excellence in delivery and excellence in conduct.

Mind Propel

Technology Lead

January 2016 - February 2017 (1 year 2 months)

Dallas, TX

Lead developer for a small team developing a Business Intelligence tool for Amazon Merchants. Used financial and business background to plan out needed toolsets and reports to help customers gain insight into sales and profitability. Developed using Python, Django, Amazon Web Services (EC2, S3, MySQL, IAM, SES, Lambda, CloudFront), React, Redis, Cloudflare, Docker, RabbitMQ, Celery, jQuery, HTML5, CSS3.

Business Intelligence tool was a SaaS application that pulled data from various APIs and reports, cleansed and aggregated it. Used Amazon Lambda to schedule nightly and on demand data pulls. Wrote a wrapper around Amazon's various APIs to standardize output and adjust to our use case.

Used React and JSX to build the user interface, allowing us to build encapsulated, reusable components. Babel transpiled our EcmaScript2015 (ES6) code to ES5, and Webpack to bundle the components. Redis was used for caching as well as holding user context data.

Bayyinah Institute

Senior Technology Officer

July 2014 - January 2016 (1 year 7 months)

Architected and developed a Learning Management System (LMS) that helped users learn a new language via a Video On Demand platform. Developed using Python, Django, Amazon Web Services (EC2, S3, MariaDB, IAM, Route53, SES, Lambda, CloudFront), Django Rest Framework, RabbitMQ, Celery, jQuery, HTML5, CSS3, CodeShip (continuous integration), Memcache, Docker, Convex (deployment).

Designed a RESTful API using Django Rest Framework that powered the mobile applications. Used Celery and RabbitMQ for distributed async operations and scheduled tasks. Git behind BitBucket was used as repository.

In charge of building and conducting a development team, in-house and outsourced, in order to execute our technological endeavors, which include software, infrastructure, web, mobile apps, and R&D.

Member of the executive team, which helps make decisions on the direction and trajectory of the company.

Melody Capital Partners, LP
Senior Software Consultant
August 2013 - July 2014 (1 year)

Implemented and migrated custom proprietary software to assist with Private Equity and Credit deals, and daily reports.

Developed the logical integration between the accounting software and our custom software, merging the data and synchronizing the systems in order to provide a comprehensive data view.

Architected a complete cloud solution using Amazon's cloud, AWS, EC2, S3 in order to conserve costs and improve scaling.

Fir Tree Partners
Software Developer Lead
February 2011 - August 2013 (2 years 7 months)
New York, NY

Led the software team and introduced best practices including proper usage and maintenance of Team Foundation Server 2010, unit testing, proper documentation, logging, workflow documentation, and wiki upkeep.

Developed an application that synchronizes trades, securities, issuers, and other referential data from the Order Management System, Charles River, to their accounting system, Sungard's Visual Portfolio Manager (VPM).
Developed using .Net 4.0, C#, WCF, Syncfusion, SQL Server.

Designed a Sanity Check application that performed self-checking operations on our systems throughout the day. This became critical in the transformation of our team from being reactive to proactive.

Reengineered systems and workflows for Operations, Accounting, and Trading to reduce complexities and dependencies and improve speed and efficiency.

Includes Bond Pricing, Basket Trade Loader, and Weekly Management Reporting.

Plainfield Asset Management

Software Developer

July 2007 - August 2010 (3 years 2 months)

Greenwich, CT

Compliance Calendar - track commitments from all parties to a private deal. Missing deadlines exposed a big risk to contracts being violated. Compliance Calendar keeps teams updated regarding upcoming deadlines that they'll have to either work on or expect to receive. The system also automates the process of writing up and sending Dunning Letters. Developed using Python, Django, JQuery, MySql.

Deal Track system - using Python, Javascript, MySQL, and AJAX using JQuery to track the progress, notes, and contracts of potential private equity deals from the inception to the closing. The data was used to analyze inefficiencies in the closing process and common reasons for failed business deals as well as projecting the pipeline and producing reports such as the Buying Power.

Developed and refactored tools to reconcile trade activity, cash movement, and positions against data feeds from counterparties and Geneva, the fund's accounting system. The tools reduced the resources needed to reconcile from multiple team members devoted to this task to a single team member using the tool for a couple of hours. Data feeds were pulled and imported using FTP, SFTP, SSH, PGP, HTTPS and Python.

A Trade Entry system with allocation logic to split trades between multiple funds using criteria unique to each fund. The system transmitted the trades into the accounting system via a SOAP interface. The application allowed the trades to occur with no slow-down or added staff in figuring out allocation and allowed new funds to be started seamlessly.

Participated in developing a proprietary Task Management System using Python and MySQL. The tasks implemented the Strategy Design Pattern in order to decouple the process of running a task from the algorithm that is executed. Some tasks included checking external ftp servers and internal email accounts for data files, or performing backups of different systems.

IQEQ

Lead Developer

November 2005 - March 2007 (1 year 5 months)

Partnered in a venture to make the vision of a truly web-based Electronic Medical Records system a reality. Architected and developed the first web based, ink enabled EMR using ASP.NET, C#, SQL Server 8, AJAX, XML.

Assisted in writing the specification documentation, designed the database schema, defined business objects and security practices. Authored majority of C#, HTML, ASP.NET, SQL stored procedures, JavaScript code, and managed an offshore development team.

Developed software to interface with third party Misys Healthcare billing systems. The software listens for data coming through TCP ports, parses the data, uses web services to authenticate and save patient demographic information to our web server. The application uses C# and TCP/IP protocols, Web services, XML and HL7 standards for data exchange.

Developed software to synchronize data with local server. The application rests on the local server and requests practice specific data from the web server. Web server identifies client by credentials provided and transmit data using ADO.NET. Software was developed using C#, ADO.NET, Web Services, SQL stored procedures.

Met with top government leadership and their staff to understand congressional needs as well as educate them on the subject of Healthcare IT.

Installation, support, and training of beta site consisting of 8 sites, 12 physicians, and over 60 employees.

Citigroup

Programmer Analyst

August 2004 - November 2005 (1 year 4 months)

Developed systems to automate and streamline data reporting thereby exponentially increasing the level of report production resulting in an increased capacity to concurrently support several departments. Authored, enhanced, and reengineered SQL queries to more efficiently collect data and produce information. Systems developed using VBA, Excel, and SQL stored procedures.

Efficiencies led our team from reconciling software assets for a small group of a few hundred employees to responsibility for all teams in North America, a few thousand employees. Our team then led global efforts towards software asset management providing data globally. The processes I helped define were adopted by the Global Asset Management team. All of this was done in the span of one year and without adding any additional resources to our team. Recognized by management as the key contributor to the group.

Brooklyn Consulting

Software Developer

June 2002 - December 2003 (1 year 7 months)

Development and maintenance of Commercial Real Estate software suite for Independence Community Bank. Software Suite was developed using Visual Basic 6, and SQL Server 2000.

Developed ASP web application to establish communication between Brooklyn Consulting and Independence Community Bank. Application gives detailed status of current projects and maintenance issues, and instantly alerts consultants of new tasks.

Run Technologies

Education

Stony Brook University

Bachelors, Computer Science · (1997 - 2001)

State University of New York at Stony Brook

Bachelors of Science, Computer Science · (1997 - 2001)