

AYUSHI JHA

Bay Area, California

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SUMMARY

Full-stack and Backend Software Engineer with 5+ years of experience. Highly motivated and result-oriented with a strong understanding of enterprise-level full-stack and back-end software systems. Passionate about staying up-to-date with latest trends, learning industry-standard best practices and delivering exceptional results. Experience on a variety of tech stacks spanning Java, Spring Boot, JavaScript, TypeScript, React, Python, C#.

EXPERIENCE

Software Engineer 2, Intuit *React, JavaScript, TypeScript, Java, Spring Boot* Feb 21 – Present

- Accelerated marketing campaign deployment by 80% by creating self-serve product experiences in partnership with UX, engineering, and PM teams. Created UI and back-end services that translated a host of user requirements into configurations for data pipelines without the need to request engineering support.
- Led the development and launch of new features in production such as Search Dashboards, mvel (java-based runtime expression language) function editors in UI (built using Monaco Editor), which resulted in increase in product adoption. Owned end-to-end design, development, testing, CI/CD and delivery for new features in our web-apps and services.
- Improved operational efficiency by managing Splunk, Wavefront dashboards, updating on-call runbooks and defining processes for common support requests.
- Strengthened development practices by enforcing innersource compliance and driving adoption of cross-company standards.

Software Engineer, Intuit India *C, C++, C#* Aug 17 – May 19

- Saved \$100k/quarter in customer support calls by adding highly requested features and critical bug fixes in Quickbooks Desktop, the flagship product used by 2m+ users.
- Worked collaboratively with PMs, UX, Content and Field Customer Support teams for shipping new features quarterly. Developed, tested and rolled major enhancements to production.

EDUCATION & INTERSHIPS

University of Southern California *MS Computer Science – GPA - 3.77* Jun 19 – Dec 20

Analysis of Algorithms, Natural Language Processing, Foundations of Artificial Intelligence, Information Retrieval & Search Engines, Web Technologies

Software Developer Intern, Intuit *Python, Hive, React, Spring Boot* May 20 – Aug 20

- Developed a Machine Learning Model (Random Forest Classifier) for calculating propensity scores (probability to clickthrough and opt-out of email campaigns) for customers and leads. Implemented the ETL for stream data using PySpark.
- Created a dashboard to visualize the success metrics of the model and comparison of predicted data against real-time data for presentation to marketers.
- Full-stack web development - developed features for database interface tool for Intuit-internal marketers to help them easily add new data and view relationships between existing data using self-serve UI. Created frontend in React and backend apis for connectivity with database using Spring Boot. Worked on design, development, testing, CI/CD and delivery for features in frontend and backend code for the tool.

Indira Gandhi Delhi Technical University for Women *B. Tech. CSE – CPI - 82.31%* Aug 13 – Jun 17

Data Structures, Analysis and Design of Algorithms, Operating Systems, Computer Architecture, Artificial Intelligence, Software Engineering, Database Management Systems

Software Developer Intern, Intuit India *Javascript, Dojo, C#* Jun 16 – Jul 16

- Legacy code upgrade to improve product stability. Additionally, worked on features and bug fixes for the critical payments section of Quickbooks Desktop.

PROJECTS

Data Science Worked on collaborative project "Gender Inclusion in Science" for USC GRIDS Data Science organization where we analyzed academic research data from American Physical Society to extract trends on the role of institutions in nurturing a growth environment for female researchers, using Python libraries.

Search Engines Developed a basic search engine featuring autocomplete and spelling correction using Solr engine with Lucene and Page Rank algorithms in Java.