Ajit Singh

Software Developer

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EXPERIENCE

I have relevant experience of 3+ years.

GlobalLogic India, Pune — *Senior Software Engineer*

October 2019 - Present

Most of my work is involved in creating frontend applications, many of which interact with various AWS resources.

- Created multiple frontend projects having well tested, strictly typed code (using TypeScript)
- Contributed to creating an internal package repository for Python and JavaScript. Established code sharing, monorepo management, development pipeline, static analysis, created shared reusable modules to be used throughout the company.
- Contributed to creating and releasing a contact control panel interface for Nationwide Building Society. This panel is being used by thousands of agents in production.
- Worked on various sections of an omnichannel agent desktop solution. This included creating an interface for chat and video call
- Worked on a wallboard interface to show agents' statuses in a contact center. Built a Springboard like interface which could also sync the configuration of the tiles.
- Assisted coworkers in designing user interfaces for our applications
- Worked on a UI that helps administrators manage instances of Connect CTI Adapter

The above applications interacted with various services like AWS Amplify, Amazon Cognito, AWS Lambda, AWS Connect, Azure AD, Amazon Lex, Amazon Textract, Amazon Chime, AWS CodeArtifact.

My daily tasks included:

- Setting up codebases
- Helped with the decisions on front-end architecture
- Writing unit and E2E tests
- Setting up CI/CD
- Code refactoring
- Code review

Oracle, Pune — *Intern*

June 2018 - August 2018

Implementation of caching using Java JCache specification in a distributed enterprise application.

SKILLS

Front end development:
- React / TypeScript / Next.js / TailwindCSS / JavaScript / HTML / CSS

Back end development:
- Node.js / Postgres / Express / MongoDB / Flask / Django / Python

Graphics and UI/UX Design: Figma

Development concepts: Unit testing (Jest) / E2E testing (Cypress) / Version Control (Git) / Semantic versioning

PROJECTS

FZF for JS — *A fuzzy finder ported to work in web context*
Links: GitHub, website

– Ported FZF, a popular CLI tool to TypeScript

– Built a docs versioning system, to automatically create web page for each library version

– Once used by MDN (Mozilla) as one their search mechanism

– Currently used by Sourcegraph

– Appeared in JavaScript Weekly

VS Code — *Contribution to themes*
Contributed to popular themes for VS Code, both in the form of discussions and in PRs. Also contributed to an in-built theme.

Vim — *Contribution to plugins*
Contributed to community created plugins, by involving in discussions, pointing out issues and building PRs.

EDUCATION

UCER, Allahabad — *B. Tech*
2015 - 2019

Completed Bachelor of Technology in Computer Science with 72.1% from a college affiliated to AKTU

Army Public School, New Cantt, Allahabad — *Intermediate*
2014 - 2015

Completed 12th in PCM + CS and scored 83.6% from CBSE board

Army Public School, Delhi Cantt — *High School*
2012 - 2013

Completed 10th with 9.0 CGPA from CBSE board