Soham Mondal

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WORK EXPERIENCE

HousingAnywhere
Senior Software Engineer (Frontend)

Jan 2023 - Present
Rotterdam, Netherlands

- Owned and delivered **15+ projects** resulting in significant improvements in conversion metrics.
- **Collaborated** with Product Managers to design and execute **A/B tests**, resulting in data-driven improvements.
- Ensuring high code quality through **automated testing** via unit**,** integration**,** and end-to end (e2e) test suites**.**
- **Proactively** identified and **fixed 20+ bugs** enhancing system reliability & ensuring robust UX.
- Identified gaps in system and processes and authored 2+ **technical proposals** ensuring -
  - **Reduced duplication** of code across apps by ~30% through the creation of a shared library for core business logic.
  - **Standardized code practices** among developers by establishing a unified commit pattern.
- Identified & addressed **technical debts** resulting in cleaner codebase and **~40% reduction in code complexity.**
- Enhanced the **Design System Library** with **5+ components**, improving UI consistency and developer efficiency.
- **Reviewed 100+ pull requests**, ensuring code quality, maintainability, and adherence to best practices.

Openhouse Technologies
Software Engineer

Jun 2020 - Dec 2022
Kolkata, India

- Built & deployed new features for products like Oh Website, Oh Alfred, Oh Meets, & Oh Moments.
- Helped the company find the right Product Market fit and transition from **Series A** to **Series B**.
- Fixed inefficient code & wasted re-renders, thereby **boosting the performance** of Oh Meets by 50%.
- Developed **micro frontend architecture** that improved the overall Oh Meets's flexibility & maintainability.
- **Improved Lighthouse score** from the 30s to 85+ by fixing performance issues of the Oh Website.
- Successfully **led a team** of ~4 & built Oh Portfolio, Oh Meets Doppelganger & Oh Assignments.
- Introduced **GraphQL** & **Apollo Client** in Oh Assignments project for faster queries and efficient data fetching.
- **Reduced ~80%** cost by migrating 6+ React projects from Digital Ocean servers to the AWS (S3, Cloudfront, Amplify).
- Set up **CI/CD** pipelines (dockerized) for all React projects using GitLab Pipelines.
- **Fixed 50+ prod bugs** and enhanced business logic in the backend (Django/Python).
- Helped lay the foundations and develop the Oh mobile app using React Native, establishing it as their MVP.
- Active participation in code reviews, tech interviews, and mentoring junior devs.

Oracle Cerner
Software Engineer

Feb 2019 - Jun 2020
Kolkata, India

- Re-configured Jenkinsfile for 10+ projects to work with Kubernetes agents.
- Implemented a Jenkinsfile to continuously build & deploy 100+ C++ artifacts from a Dockerised environment.

Tata Consultancy Services
Systems Engineer

Nov 2016 - Jan 2019
Kolkata, India

- Awarded **Star of the Learners Group** for mentoring 125+ associates & helping them improve their knowledge of Java.
- Awarded **On the Spot Award** for outstanding contributions made using AWS at the **Research & Innovation labs**.

SKILLS

Programming - HTML · CSS · Javascript · Typescript

Libraries/Framework - React · Redux · Redux Toolkit · Next.js · Socket.io

Styling - Material UI · Styled Components · Bootstrap

Testing - Jest · React Testing Library (RTL) · Cypress · Playwright

API - REST · GraphQL · JSON · WebSocket

Tools - VSCode · Git · Webpack · Jira · Sentry · Figma · Flagsmith · Contentful CMS · Chromatic

Backend - Python (Django) · Node.js (Express.js)

CI/CD (DevOps) - GitHub Actions · GitLab Pipelines · Jenkins · Docker

Cloud - AWS

Certifications - Developer: Associate AWS (2018)

Soft Skills - Communication, Collaboration, Empathy, Team work, Leadership, Adaptability, Problem Solving, Mentoring

INDIVIDUAL PROJECTS & BLOGS

Individual Projects

- **Q/A Tool -** A Next.js 14 app to demo my knowledge about Redux Toolkit, Setting up CI/CD pipelines and Testing. view
- **Rick and Morty Wiki** - React Typescript app using Redux Toolkit as a global state management view
- **Brave Browser Detector -** An npm package to detect if the user is browsing with Brave. view
- **Trick or Treat -** Responsible for developing the Scoreboard component view

Blogs

- How to set up 2 separate Git profiles on a single device? view
- How to set up a Django project for Heroku Prod deployment? view

EDUCATION

B.Tech in Computer Science & Engineering   **Aug 2012 - Sept 2016**

West Bengal University of Technology   Kolkata, India

LANGUAGES & INTERESTS

- **Interests** - Yoga, Table Tennis (Ping Pong), Netflix, DC Comics, Exploring new cuisines, Occasional blogging