Sneha Jalukar

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EDUCATION

Oakland University | Auburn Hills, MI   *Graduation: May 2021*
 Bachelor of Science: Computer Science (GPA 3.8/4.0)
 Relevant Coursework: Object Oriented Programming, C & Unix Programming, Calc I-III, Linear Alg., Discrete Math, Database Design, Computer Networks, Ruby on Rails, Design & Analysis of Algorithms, Computer Organization

EXPERIENCE

DebtBook | Remote (Chicago, Illinois)   *January 2023 - Present*
Software Engineer II
- Built out the backend API endpoint (Ruby/Rails) and frontend page (React) for a documents listing page in our app.
- Worked on a "membership expansion" project expanding and specifying access in our application for different user types. Created stories and led development of a project to refactor the way pundit policies are used and inherited throughout our application. Used MiniTest to add substantial test coverage throughout the application for all policy/permission files. Standardized and created frontend components between three main sections of our application.
- Worked on database migrations and management of our Postgres database for maintenance and building new features requiring schema changes (new user types, adding columns on data tables). Wrote SQL and active record queries.
- Triaged issues as part of an on-call rotation and in daily work, using Rollbar + Datadog as well as debuggers.

Bankrate (Red Ventures) | Remote (Chicago, Illinois)   *June 2021 - December 2022*
                                                           Internships: June 2019 - August 2019 & June 2020 - August 2020

Software Engineer
- Used React, Redux, and Next.JS to integrate with a 3rd party vendor (RTM) to implement a sweepstakes campaign, driving 20k new account creations, increasing feature engagement and bringing an additional $75k in revenue.
- Used React and Redux to build an onboarding flow in the Bankrate application, guiding users throughout the app and increasing overall engagement with features in the app for new users by 168%.
- Used React, Redux and Node to build out a quiz tool and a course platform within the Bankrate app's learning center; Built landing pages using NextJS and Laravel for courses that are automatically generated through data that the content team adds in Storyblok (a 3rd party CMS).
- Worked with Terraform & AWS to spin up and manage infrastructure. Worked on a project migrating infrastructure between environments, spinning down unused infrastructure, and removing the authenticated gateway from services.
- Wrote end to end tests with Cypress and unit tests with Jest. Implemented logging and triaged issues with AWS CloudWatch, Datadog, New Relic and Rollbar.
- Worked with PHP and JavaScript to implement a site-wide navigation sidebar affecting the user experience for 2 million logged in users. Refactored code for the frontend React application.
- Implemented push notifications across the website garnering 80,000 subscribers in 2 months.
- Integrated the LaunchDarkly feature flagging tool for the first time across the PHP/Laravel monolith.

TECHNICAL SIDE PROJECTS

Ghost Buses (2022-2023) - https://ghostbuses.com/
- Helped build and help maintain a web app tracking bus reliability in Chicago. Learn more here!

Startup Detroit (2018-2020) - www.startupdetroit.co
- Run and maintain an open source project and site built in ReactJS, to unite the Detroit startup community.

Project #DoSomething (2017) - https://devpost.com/software/project-dosomething
- A Mixmax integration to easily donate to nonprofits and match donations via email. Won an award at TreeHacks, a 36 hour hackathon at Stanford University.

LEADERSHIP/COMMUNITY

Chi Hack Night, Board Member   *Aug 2022 - Present*
- Appointed board member to a nonprofit organization organizing around civic technology in Chicago, Illinois.

Road to Hire, Mentor   *Jan 2022 - Present*
- Assisting with interviews/admission; Mentoring individuals in the program on technical topics on a weekly basis.

SKILLS

Technical: Java, JavaScript (Node, React, Vue, TypeScript), PHP, Python, Ruby, HTML, CSS (Tailwind, Bulma, SASS), SQL
Tools: Git, Android Studio, Docker, Kubernetes, Terraform, CircleCI, Fastly, FileZilla, Adobe Illustrator