

# Akshay Venugopal

Staff Software Engineer Frontend

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## EXPERIENCE

### SIMPL | STAFF SOFTWARE ENGINEER

Sept 2021 – Current | Bengaluru, India

- Led the payments team and brought the payments success rate from **81% to 87%**.
- Developed a Novel method where the payment page can detect with **100% accuracy** if the payment app is installed on the device in Android using Payment Request API.
- Updated tech so as to be one of the first in the country to receive **PCI DSS 4.0 Certification**.
- Built from ground up the Ecomm platform at Simpl with all payment methods.
- Spearheaded cost cutting features in FE to **optimize UI by 35% at 60% lower costs**.
- Through various experiments improved the conversion of the payments page by **12%** in the Ecomm platform.
- Provided novel solutions for **4 different services (checkout and payments)** on wide variety of tech like Svelte, React and Vue.
- Developed a component library package of web components for faster development and standardized UI.
- **Tech stack: Svelte, Vite, React, Recoil, Payment Request API, NodeJS, Postgres, Typescript, Docker and AWS.**

### KEYVALUE SYSTEMS | SENIOR SOFTWARE ENGINEER

March 2020 – Sept 2021 | Kochi, India

- Came up with a unique solution as an on boarding tool to provide a web based UI using WebRTC, Open CV to capture dental issues hence removing all hardware needs and thus **saving 100% cost on all hardware**.
- Setup and worked on solutions for Sequoia Capital client Zenyum Singapore end to end.
- Migrated the AngularJS dashboard to React which better suited the needs for the client and made it more performant (**by 60%**) and also making it a one stop solution for all info and services.
- Was part of the Senior team for talent acquisition and training for frontend at the organisation.
- **Tech stack: Angular, React, Redux, NextJS, PWA, NodeJS, MySQL and WebRTC.**

### CABOT | SOFTWARE ENGINEER L2

July 2016 – March 2020 | Kochi, India

- Full-stack developer working on projects for offshore clients based on multiple domains like healthcare, tourism, ecomm and many others.
- Was part of the team for **explorations and proof of concept development** for new clients ranging on multiple tech stacks.
- Analyze, Estimate, Execute and then lead projects and its development to ensure on time delivery and finally monitor and maintain the solution provided and tweak to make changes based on feedback.
- Work on certifications like HIPAA and others so that projects of that nature can be executed well within guidelines.
- Training freshers to the tech so as to ensure strong foundation for the future.
- **Tech stack: AngularJS, Angular, React, React-Native, D3, Electron, Ionic, HTML SCSS, Bootstrap**

## SKILLS

### PROGRAMMING

JavaScript • Typescript • Python • Shell

### LIBRARIES/Frameworks

jQuery • Node.js • Angular • Svelte • React • React-Native • Next • HTML • SCSS • D3 • Redux • Recoil • Saga • Vue • Jasmine • Puppeteer • Jest • Playwright • Vite • SvelteKit • Express • Webpack

### TOOLS/PLATFORMS

Git • MySQL • PostgreSQL • Mongo • GraphQL • Heroku • AWS • Docker • Cloudfront • S3 • ECS • Growthbook • Sentry • Airbrake • Clevertap

## EDUCATION

### FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY

BACHELOR'S IN ELECTRICAL AND ELECTRONICS

June 2012 - June 2016 | Kochi, India

## CERTIFICATIONS

### ADVANCED AI TRAINED PROFESSIONAL

ANEXAS EUROPE

June 2019 - Aug 2019 | Kochi, India

## ACHIEVEMENTS

- Nominated Best Performer at Simpl (2023)
- Winner of Simpl Hackathon 2023
- Best Performer at Cabot (2018, 2019)
- Nominated Best Performer at Cabot (2016)
- Former Member Center for High Performance Computing, FISAT