

SHARVAI PATIL

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PROFESSIONAL EXPERIENCE

Software Engineering Co-op | SimpliSafe

June 22 – Dec 22

Boston, MA, USA

- Contributed to the SimpliSafe android app in the production environment using Kotlin and Java.
- Created exact UI components from Figma designs provided.
- Instrumental in the UK-wide product launch of the SimpliSafe siren through strategic use of Firebase remote config.
- Improved app reliability by debugging critical bugs and issues positively affecting over 1300 users of the app.
- Participated in code reviews, Jira ticket grooming, and daily standups in an Agile environment.

Software Engineer (Part-time) | Shyp (YCombinator backed startup)

Dec 22 – May 23

New York, USA - Remote

- Led the entire mobile engineering effort at Shyp, using Flutter which enabled over 50 truck drivers to book loads and manage fleets.
- Contributed directly to Shyp's success in raising over \$2 million in funding at the YC Demo Day.
- App link: <https://tinyurl.com/shypfleet>

Software Engineer (Deputy Manager) | Jio Platforms Limited

July 20 – Jan 21

Navi Mumbai, India

- Developed and tested modules for the Session Management Function Core of the 5G architecture using C and C++.

Software Engineering Intern | K. J. Somaiya College of Engineering

Dec 19 - May 20

Mumbai, India

- Led the development of the KJSCE Canteen Android app that aimed at solving the problem of lunchtime crowding by modernizing and streamlining the existing paper-based food ordering system into a completely online, mobile app-based system in the college canteen for about 4000 students using Flutter, PHP, MySQL and Python. - <https://tinyurl.com/kjscecnt>

RELEVANT PROJECTS

CaloSnap

Sep 23 - Present

- Developed a full stack website that helps users to find the calorific information of food by simply uploading an image.
- Technologies used: React, Amplify, Python APIs, AWS Lambda, AWS Rekognition, Terraform, AWS API Gateway

SanctifyAir - <https://sanctify-air-gamma.vercel.app/>

Sep 22 – Oct 22

- Developed a full-stack website that helps users to delete their useless emails easily and help reduce their carbon emissions using server-side Python APIs hosted on AWS Lambda.
- Technologies used: Python, AWS Lambda, AWS DynamoDB, HTML, CSS, JavaScript and Flask

Coding Dojo App - <https://tinyurl.com/cdngdojo>

Oct 20 - Aug 21

- Developed an app using Flutter and Firebase that helps beginner programmers learn Java in a gamified way.
- Currently about 250k+ in-app questions solved from over 22k+ downloads along with 4.7 stars from 300 reviews.

EDUCATION

Rochester Institute of Technology, Rochester, NY

Aug 21 – Dec 23

- Master of Science in Computer Science (GPA: 3.9/4.0)

SKILLS

- **Programming Languages** : Java, Python, Dart, C, C++
- **Web Technologies** : HTML, CSS, JavaScript, Ajax, PHP, Node.js, Express.js, React, AngularJS, Django, Flask
- **Database Technologies** : SQL, NoSQL, MySQL, MongoDB, Firebase Cloud Firestore, DynamoDB, AWS RDS
- **Miscellaneous** : S3, EC2, Lambda, API Gateway, Git, Test Driven Development, RESTful APIs