

# Hamsa H N

## Full Stack Developer

+91 7406309293

[hamsa026@gmail.com](mailto:hamsa026@gmail.com)

Full stack developer with 5 years of experience building web applications and enterprise solutions with good knowledge on Python, ReactJS and cloud technologies.

### TECHNICAL SKILLS

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**Programming languages:** Python, JavaScript, TypeScript  
**Frameworks:** React, Mobx, Flask, ExpressJS, Tailwind CSS  
**Cloud technologies:** GCP & Firebase, AWS(S3, Lambda, Rules)  
**Database:** PostgreSQL, MySQL, NoSQL  
**Software development:** Agile Methodology  
**Version controls:** GIT, SVN.  
**Test tools:** Pytest, Jest

### PROFESSIONAL EXPERIENCE

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#### GRANITE RIVER LABS

Oct 2019 – Present

##### Technical Lead

- Involved in designing architecture of the open source contribution project from the company.
- Used Google Cloud Platform and Firebase for user authentication, cloud functions, Storage and Database.
- Was responsible for deploying the application on cloud and introducing CI/CD to it.
- Performed code reviews and took ownership for one complete wing of the project.
- Interviewed candidates and mentored new engineers.

##### Senior Software Engineer

- Responsible for developing UI for the Wi-Fi Alliance Test Suite application using ReactJS, Mobx, TypeScript and Semantic-UI.
- Developed Hardware integration API using Python Flask.
- Created the CLI interface for the backend API using Python.
- Led the unittest driven development.
- Worked in an agile team.

**Associate Consultant**

- Implemented backend API using the Python Flask.
- Involved in developing the UI solutions using ReactJS, Bootstrap.
- Managed the production database server - MySQL.

**Software Engineer**

- Implemented microservices API in Python to provide backend logic.
- Responsible for API design and development of RESTful services, working with large scale data.

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**EDUCATION**

**Bachelor of Engineering** from Visvesvaraya Technological University – 2016.

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**OPEN SOURCE CONTRIBUTION**

**HelloEle.com - A simple file transfer CLI tool for developers.**

- Responsible for firebase user management, data storage and deploying the firebase functions.
- Worked on NodeJS for the CLI backend application

**TinyFunction.com - Fastest way to create cloud functions.**

- Worked on setting up and maintaining the server, PostGres database and hosting from scratch.
- Worked on storing files and managing roles and access to the AWS storage and deployed lambda functions.

**ResizeHere.com & CropHere.com - A simple online Image resizing and cropping tools.**