Yuvaraj J

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EXPERIENCE

Software Engineer, (*Ajira Tech*)   Aug 2020 - Present
- Worked across the stack as a full stack software engineer.
- Developed frontend components with React and Angular.
- Created REST APIs with Node.js and PostgreSQL.
- Migrated the existing infrastructure from Google Cloud Platform to Microsoft Azure using Terraform.

Webmaster, (*SVCE ACM Student Chapter*)   May 2019 - Apr 2020
- Led the web team of the SVCE ACM Student Chapter.
- Created and maintained the official website and hackathon registration website for the chapter.
- Organized various workshops and technical events as part of the Chapter activities.

Software Developer Intern, (*Komparify*)   May 2019 - Aug 2019
- Worked on porting Flixjini mobile app for various TV platforms like FireTV, Android TV, and Apple TV.
- Used REST APIs, TVML to implement TV apps.

TECHNICAL SKILLS

Languages: Python, Ruby, Javascript, SQL, HTML, CSS
Web Technologies: Django, Rails, React, Angular, Node, Express, jQuery, Bootstrap, Tailwind, Jekyll
Cloud Technologies: Azure, Heroku, DigitalOcean, Terraform
Others: Git, Linux, Unit/Integration Testing

PROJECTS & WORKS

Library App using Rails - Live Demo
- Created Library App needed for a local library.
- Implements full-text search using PostgreSQL for searching books, authors and members.
- Allows books to be rented out and returned along with calculation of late fines.
- Used Rails, Stimulus, PostgreSQL and Heroku.

Midday-meals monitoring using Meraki MV Sense - SIH Project - Repo
- Led a team of six and won the finals in Smart India Hackathon 2020.
- Uses Meraki MV Sense Cameras and ML to detect the number of students and food served.
- Alert respective authority when any discrepancy in reporting arises.
- Uses Django, Flutter, MV Sense, TensorFlow for development.

SVCE ACM Student Chapter Official Website - svce.acm.org
- Built and maintained the official website for the college's ACM Student Chapter.
- Maintained the Student Chapter server as part of the duties of webmaster.
- Used HTML, CSS, JS, Bootstrap, and PHP for building the website.

Open Source Contributions
- [Merged] Joplin - API: Fix tags update on updating a note
- [Merged] Joplin - Desktop: Use system keychain for storing passwords
- [Merged] Joplin - CLI: Implemented configurable layout for terminal
- [Merged] Posthog - Allow duplicating dashboards

EDUCATION

Sri Venkateswara College of Engineering, Chennai, India

Bachelor of Engineering, Computer Science and Engineering   GPA: 8.9/10.0

Coursework: Programming and Data Structures, Design and Analysis of Algorithms, Operating Systems, Computer Architecture, Machine learning, Internet Programming, Artificial Intelligence, Information Retrieval Techniques.

OTHER EXPERIENCES

Senior Instructor, Hatch School of Code, Chennai   November 2019 - Present
- Teach coding to kids of age 9-15, and help them understand programming concepts at an early age.
- Analyzed and improved the Python and HTML course curriculum to make it easier for kids to grasp the concepts.