

Harikrishnan Karuppiah

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Full Stack Developer | DevOps Engineer

With 8 years of experience, including 2+ years as a Full Stack Developer and 4 years in government system administration, I offer a versatile skill set. Backed by a strong academic background in Computer Applications Development, I possess adept analytical and technical capabilities. As a Full Stack Developer and DevOps Engineer, I am poised to deliver impactful solutions and drive success.

Areas of Expertise

Frontend:

- ReactJS, HTML, CSS, SCSS, Tailwind.
- UI/UX prototype: Figma.

Backend:

- Node.js (for server-side development)
- Express.js (for building RESTful APIs)
- Databases: SQL, MongoDB (NoSQL)

Testing:

- Cypress

DevOps:

- Version Control: Git
- Virtualization: VMware, vSphere
- CI/CD: Jenkins
- Automation: Ansible
- Containers: Docker
- Orchestration: Kubernetes
- Cloud Platforms: AWS, Azure, GCP

Project Management:

- Jira, MS Project

Work Experience

03/2019 – 03/2023

Namakkal, India

Junior Assistant - System Administrator

Government of Tamil Nadu, India - Administration of Justice Dept.

- Involved in implementation of IFHRMS application, an Oracle's E-Business Suite, a real-time financial transaction of government bills.
- Worked on Finance modules such as Budget, Payroll, Pension, Financial Data warehouse/BI and Human Resource modules like Personnel management, Post creation and Mapping.
- Responsible for resolving incidents, coordinating with the Support Team - Wipro Ltd., the system integrator of the application.

08/2016 – 01/2019

Chennai, India

Full Stack Developer

InstaSoft Technologies Private Ltd

- Developed dynamic user interfaces using ReactJS, ensuring an intuitive and responsive user experience.
- Built robust backend systems with Node.js, Express.js, and MongoDB.
- Implemented RESTful APIs to facilitate seamless communication between frontend and backend components.
- Experience in DevOps using Jenkins for continuous Integration and deployment.

Education

01/2024 – 08/2024 Kitchener, Ontario	Virtualization & Cloud Computing Post Graduate Certification Conestoga College
05/2023 – 12/2023 Kitchener, Ontario	Computer Applications Development Post Graduate Certification Conestoga College
08/2010 – 05/2014 Chennai, India	Electrical & Electronics Engineering Bachelor of Engineering Anna University

Project Portfolio

Project Name: Crime Beacon Application – Capstone Project

Project Description:

Developed the Crime Beacon Application, a NodeJS-based project, utilizing EJS for dynamic content rendering and MongoDB for database management. Implemented CSS for styling and layout customization, creating an intuitive and user-friendly interface for reporting incidents. Integrated location-based functionalities to allow users to pinpoint incident locations accurately. Employed effective error handling and logging mechanisms to enhance the reliability and stability of the application.

Project Name: Wow Clothing Store Application – Client Project

Project Description:

Developed a responsive e-commerce platform, the Wow Clothing Store, using ReactJS, SCSS, and JavaScript, facilitating seamless user interaction and transactions. Integrated payment processing functionalities using Stripe, ensuring secure and efficient online transactions. Collaborated closely with designers to implement CSS animations and transitions, enhancing the overall aesthetics and user experience of the platform. Implemented error handling mechanisms to improve debugging and error resolution processes, ensuring smooth operation of the application.

*All my personal projects are available on my GitHub profile for review.

Awards And Accolades

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| • Achieved Computer Applications Development degree with Dean's Honor's List distinction. | 2023 |
| • Nominated as a Potential Master Trainer and undergone intensive training under the aegis of the Hon'ble e-Committee, Supreme Court of India. | 2022 |
| • Secured a rank in the Tamil Nadu Public Service examination, amidst competition from over 14 lakhs of candidates, showcases my strong analytical skills. | 2019 |
| • Instasoft Technologies Best Trainee Award in our batch. | 2016 |