Hima Sai Kiran Prudhivi

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EDUCATION

Master of Science, Computer Science   Aug 2022 – May 2024
The University of Texas at Dallas

Bachelor of Technology, Electrical and Electronics Engineering   Aug 2015 – May 2019
National Institute of Technology, Karnataka, India   **GPA: 8.57/10**

PROFESSIONAL EXPERIENCE

Student Assistant, *University of Texas at Dallas, TX*   Oct 2022 – Present
- Developed full stack Java application using Java Servlets, JSF, Hibernate, HTML, CSS, JS

Applications Engineer, *Oracle, Bangalore, India*   June 2019 – Aug 2022
- Developed features, tested, deployed, and supported 8+ existing Java/Spring applications
- Implemented features on 4+ full-stack applications with Oracle JET as a UI framework and Java as a back-end.
- Designed and developed 2 full-stack applications from scratch and supported them in production.
- Used Apache Kafka to stream and process marketing data and sync two data sources.
- Used Docker, Kubernetes (OKE), Helm, and Jenkins in all the applications for containerization and CI/CD.

Student Trainee, *Samsung R&D, Bangalore, India*   May 2018 – July 2018
- Improved logging performance by 10% in a real-time logging module for multi-core systems.
- Programmed on a C++ codebase for LTE protocol MAC layer of Samsung's 4G provider.

Full Stack Developer – Part time, *Unibots, India*   July 2017 – May 2018
- Developed Node.js and Python APIs on AWS Lambda, DynamoDB, and React.js UI for 30+ chatbot clients.
- Established architecture to enable seamless deployment of chatbots using GitHub actions for 30+ clients.

TECHNICAL SKILLS

Certifications: Neural Networks and Deep Learning - DeepLearning.AI, SAFe 4 Practitioner
Training: Oracle Database 12c, Java SE, Java EE, Oracle Cloud Infrastructure, Spring Framework
Back-end: Java, C++, JavaScript (Node.js), Python, PHP, Rust, GoLang
Front-end: Oracle JET (HTML5, CSS3), JavaScript (TypeScript), React.js, jQuery
Databases: MySQL, Oracle SQL, DynamoDB, MongoDB
Others: Apache Kafka, Docker, Kubernetes (OKE), Helm charts, AWS Lambda, Git, Jenkins, GitHub Actions

ACADEMIC PROJECT

A 4-link drawing robot, *Graduation project*   Aug 2017 – May 2019
Used Python and MATLAB to simulate and drive a 4-link robot arm manipulator hardware which tracked English alphabets while maintaining an error of less than 2%.

Adaptive control of a robot using Reinforcement Learning, *Research Internship*   May 2017 – July 2017
Used MATLAB simulations to model a 2-link robot manipulator and implemented a reinforcement learning based controller using CMAC neural network.

LEADERSHIP EXPERIENCE

IET - Institution of Engineering and Technology, NITK, *Convenor (Head)*   Aug 2018 – May 2019
Technites, NITK, *Project lead*   Sep 2018 – Oct 2018
Engi'17, NITK, *Head – Online Events*   Sept 2017 – Sept 2017

AWARDS

Two-time "OAL CRM Org" Award Winner at Oracle for demonstrating innovation, speed, flexibility, and, and curiosity.

ADDITIONAL INFORMATION

Eligibility: F1 VISA, Eligible to work in the US for internships and full-time for up to 36 months.