

PARTHU VARMA NALLAPU

+1 341-336-4055 | nallapu.parthu@gmail.com | Bothell, WA

PROFESSIONAL SUMMARY

Experienced full-stack software engineer, adept in front end (Angular, html, css) and back end (Golang, python, PHP) technologies. Solid academic foundation in computer science, excelling in innovative ui / ux design and restful API development. Implements Agile and Scrum methodologies, ensuring high-quality project delivery through CI/CD. Actively follows industry trends like SDLC. Demonstrates excellent communication skills and teamwork skills, collaborate seamlessly with cross functional teams. Proficient in database management, object oriented programming, and coding best practices. Skilled in problem-solving, debugging, and decision-making, with keen attention to product-market fit and sales. Excels in end-to-end software development, emphasizing innovation and staying updated.

WORK EXPERIENCE

The University Of Alabama

Huntsville, AL

Graduate Teaching Assistant

Jan 2022 - Apr 2023

- Led UG college-level labs for switching theory and computer organization, guiding 25-30 students per semester.
- Assisted students in creating combinational logic circuits, FPGA ensuring understanding of key concepts.
- Mentored students through regular office hours and provided individualized support for academic success.

HyderabadOptum, UnitedHealth Group

Hyderabad

Software Engineer

Jul 2018 - Jan 2022

- Streamlined and improved user experience of report generation process through user-friendly interface and efficient submission methods.
- Developed scalable microservices, api in Go, leveraging RabbitMQ for improved speed and scalability in report generation.
- Successfully deployed and managed web applications using Azure, MongoDB, and docker, Kubernetes, ensuring high uptime and optimized resource utilization.
- Designed visually appealing and responsive webpages using TypeScript, Angular, HTML, and CSS, resulting in increased user engagement and positive feedback.
- Maintained and updated PHP application within virtual UNIX environment, ensuring system stability and minimizing disruptions.
- Implemented GIT version control and established efficient continuous integration and deployment pipelines using Jenkins, streamlining deployment process and increasing development productivity.
- Enhanced system security and resilience by implementing robust logging and monitoring solutions with Kafka and Splunk.

EDUCATION

The University of Alabama

Huntsville, AL

Master of Science: COMPUTER SCIENCE

Jawaharlal Nehru Technological University

Hyderabad

Bachelor of Technology: ELECTRICAL AND ELECTRONICS ENGINEERING

SKILLS

Frontend - Angular, html5, scss, JavaScript. **Backend** - Go, Python, Php. **Cloud** - Azure. **DataBase** - nosql (MongoDB) , MySql, Sql. **Containerization** - Docker, Kubernetes. **Other** - linux, Jenkins, github, XML, JSON, openshift, bash

CERTIFICATION

Microsoft Certified: Azure Developer Associate AZ204 - 06/2021 - 06/2024