ADARSH PRADYUT

adarsh.pradyut@gmail.com | +91 9962256589 | +91 7043160036
GitHub: https://github.com/apradyut
LinkedIn: https://www.linkedin.com/in/adarshpradyut/

OBJECTIVE

To get an opportunity in your esteemed company, to solve new problems using my coding skills and make an impact on people's lives with my code.

PROFESSIONAL PROFICIENCY

ASP .NET Core	Vue JS	Microservices
Docker	Kubernetes	JWT
REST, JSON, XSS	SQL	gRPC
I2C	Arduino	Node JS
C#	C++	Python
JavaScript	HTML/CSS	Git

EDUCATION

	YEAR	INSTITUTION	CGPA / PERCENTAGE
BTECH	2019	SRM Institution of Science and Technology, Chennai	88%
HSC	2015	Anandalaya Education Society, Anand	88.8%
SSC	2013	Anandalaya Education Society, Anand	9 CGPA

WORK EXPERIENCE

R&D SOFTWARE ENGINEER – STRADUS (SEPT 2020 – PRESENT)
Working as a Research and Development Software Engineer, I am working on designing architecture and developing new features in the web application.

PRODUCT ENGINEER – INSZOOM (JUNE 2020 – SEPT 2020)
Earlier - Product Engineer Trainee (July 2019 – June 2020)
Earlier - Product Engineer Intern (Jan 2019 – May 2019)
Worked as a Product Engineer, I was involved in many security enhancements for the new tech stack being developed in the organization. Was also given the **Employee of the Month award**.

INTERNSHIP IN WEB APP DEVELOPMENT – CLOSERLOOK DIGITAL SOFTWARE PVT LTD (JAN 2018 – JAN 2019)
Worked as a Web Application Developer, my job was to structure the backend procedures and create APIs for mobile and other front-end web applications. I also worked with the IoT team in developing automated ticket verification system via Bluetooth.

DIRECTOR CODING - TEAM 1.618 (APRIL 2017 – JANUARY 2018)
Worked as the lead programmer in the team. My job was to develop systems to, connect the vehicle with IoT devices to the pit (monitoring bay) for real-time data logging, control, and tracking.

INTERNSHIP IN SOFTWARE DEVELOPMENT – SOURCEPRO INFOTECH PVT LTD (JUNE 2017)

Internship in software development after the 4th Semester. My project there was to develop an in-house employee management and attendance accounting system.

PROJECTS

CENTRALIZED TRAFFIC PREEMPTION SYSTEM FOR EMERGENCY VEHICLES

Developed a Centralized traffic light system that gives priority to Emergency Vehicles based on their position, speed, and direction. The system used a centralized server, mobile application (inside emergency vehicle) and a raspberry pi (as traffic control edge device).

PHI 1.0 & PHI 2.0 (HYBRID CARS)

Developed a custom telemetry system to get real-time statistics of the car to the pit for monitoring purpose. Also developed assistance features like remote kill switch, lap timer, rear view display, and speed-o-meter. The system used a centralized server, raspberry pi, and Arduino connected with I2C communication protocol. This project also received the **Best Innovation Award**.

SECURITY FILTERS

Developed couple of API pipeline filters that could block malicious users from accessing secured resources. Also got the opportunity to introduce these filters in live application which provided me with the experience of releasing security upgrades.

DOCUMENT MANAGEMENT

Developed a comprehensive system to upload, download, preview, and manage access rights for a document. The project was rewarded as **The Best Module as it generated a lot of positive feedback from the customers**.

GENERIC OBJECT CHANGE TRACKING

Developed a generic approach to track and record changes for entities automatically. This project was integrated with the legacy code in the application. Also got a great deal of experience with releasing and testing such critical features.

And many more…

ACHIEVEMENTS

Employee of the month in INSZoom

Presented Paper titled Centralized Traffic Preemption System for Emergency Vehicles in International Conference on Internet of Things

AIR 1 in Hybrid Vehicle Challenge 2017 – 18

AIR 3 in SRM Hackathon – IT Association

Demonstrated project at APNC 2016 – Association with IET and IEEE

LANGUAGES KNOWN

English, Hindi, Gujarati