

M PRAVEEN KUMAR

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GitHub

EDUCATION

Nitte Meenakshi Institute of Technology, Bengaluru

2021 – Present

Bachelor of Engineering in Computer Science and Engineering | CGPA: 8.21 (Till 6th Sem)

Bellari Independent PU College, Bellari

2019 – 2021

Pre-University Course, PCMB | 90%

M.G.M Primary and Secondary High School, Bellari

2016 – 2019

High School | CBSE | 80%

WORK EXPERIENCE

Aqmenz Automation Private Limited

Sep-2023

- Addressed incorrect drug classification by developing and deploying a robust classification model.
- Analyzed the accuracy of drug prescriptions, improving patient outcomes.
- Demonstrated the effective deployment of an AI/ML model in healthcare, improving drug classification.
- Tech Stack: Python, NumPy, Pandas, Matplotlib, Seaborn, scikit-learn, Jupyter, Docker, Flask, HTML

PROJECTS

Banking Application | Java, Spring Boot, Micro-services, REST API, RabbitMQ, Docker, JWT

May-2024

- Used Eureka Server for service discovery, enabling ease of communication and client-side load balancing.
- Implemented JWT-based authentication and authorization to ensure secure communication across services.
- Integrated an API Gateway using Spring Cloud Zuul for efficient request routing.
- Applied RabbitMQ for asynchronous communication between microservices.
- Dockerized each microservice for efficient deployment and consistent environments.
- Source code

Rotary Laser App (BOSCH) | Kotlin/Java, AR Core, Android, ML Kit, TensorFlow

Ongoing

- Leading Android development and AR implementation.
- Modernized planning and visualization processes in the construction industry using AR.
- Directed decision-making through advanced visualization techniques.
- Increased project efficiency through improved user interaction and visualization.
- Source code

Online Messaging App | Android, Java/Kotlin, Firebase

May-2024

- Designed the app with end-to-end encryption to ensure secure and private messages.
- Ensured secure communication, preventing unauthorized access.
- Implemented robust authentication mechanisms to verify user identities and enhance security.
- Source code

TECHNICAL SKILLS

Programming Languages: C, C++, C#, Java

Web Development: HTML, CSS

Web Services: Microservices, REST API, API Gateway, Eureka server, RabbitMQ, Docker

Android Development: Firebase-Console, Kotlin/Java, AR Integration

Database Management: MySQL, PostgreSQL, MongoDB, Firebase

Version Control: Git, GitHub

EXTRACURRICULAR

- Led a multidisciplinary team in the development and implementation of AR and AI technologies, achieving a projected 20% reduction in construction project timelines and a 30% increase in team productivity.
- Actively took part as a video editor in the NSCC Club, contributing to a range of multimedia projects and initiatives.