Pranesh Senthilkumar

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EXPERIENCE

INTEGRA SURVILLENCE | Technical Assistant Intern
June 2023 – July 2023 | Malumichampatti,Coimbatore

- Assisted configuring, troubleshooting, and maintaining network Surveillance systems include CCTV, access control devices, and networking infrastructure.

ACCENT TECHNO SOFT | Cloud Developer Intern
June 2024 – July 2024 | Ram nagar,Coimbatore

- Designed, deployed, and optimized scalable cloud solutions on AWS using EC2, S3, RDS, Lambda, and API Gateway, with automated CI/CD pipelines and monitoring through CloudWatch for upscaling to optimize performance and efficiency.

PROJECTS

REAL ESTATE MARKETPLACE USING API | Path-Planning Lead
Jan 2022 – Present

- Developed a responsive real estate platform with features like property listing, advanced search, user authentication, and interactive maps using React.js, Node.js, and Google Maps API.
- Deployed the website on AWS with optimized backend services, achieving high scalability and performance through efficient database management and API integration.

FLUTTER REST MOVIE APP | Class Project for Distributed Client-Server Programming
Jan 2022 – May 2023

- Designed and developed a Flutter-based movie app with REST API integration to fetch and display real-time movie details, ratings, and trailers.
- Implemented advanced features such as search functionality, genre-based filtering, and a responsive UI, ensuring seamless user experience across devices.

CERTIFICATIONS

- Java Programming – Swayam,NPTEL
- Introduction to Machine Learning - Swayam,NPTEL
- PHP for Beginners – Udemy
- Ubuntu Linux Fundamentals - Udemy
- Github,GitBash Basics - Udemy
- Linux terminal for beginners - Udemy
- Blockchain and Crypto from Beginning-Udemy
- Java using Visual Studio Code-Udemy

EDUCATION

OXFORD MAT. HR. SECT. SCHOOL,KONGALNAGARAM,
HSC,2020 | 2021 - 91.16
SSLC,2018 | 2019 - 92

FEAT,ANNAMALAI UNIVERSITY
Bachelor of Information Technology
Nov 2021 | At present
Cum. GPA: 8.74 / 10.0

SKILLS

PROGRAMMING LANGUAGES
Python • C/C++ • Java • PHP • JavaScript (Node.js)

FRAMEWORKS AND LIBRARIES
Express.js • Flask • Node.js • Numpy • Pandas • Scikit-learn • SeaBorn

DATABASE MANAGEMENT
SQL (MySQL) • NoSQL (MongoDB) • DynamoDB

API DEVELOPMENT
RESTful APIs • SOAP

VERSION CONTROL
Git (GitHub, GitLab)

DEVOPS AND DEPLOYMENT
Docker

CLOUD PLATFORMS
AWS (S3, EC2, Lambda)

AUTHENTICATION AND SECURITY
JWT

TESTING AND DEBUGGING
Postman