Priyanka Eshwaroju

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SUMMARY

Having graduated with a MSc in Computer Science from the University of Dundee and 3+ years of experience in Full Stack Development. I am actively seeking opportunities as a Software Developer. I have the right to work in the UK.

EDUCATION

MSc in Computer Science | University of Dundee   2023 – 2024
- **Modules:** Advanced Programming Techniques, DevOps and MicroServices, Machine Learning, User Experience
- **Dissertation:** Developed an Assistive Technology Loan Library System for the MSc EduAT

BEng in Computer Science and Engineering | University College of Engineering, Osmania University   2018 - 2021
- **Modules:** Java, Operating Systems, DBMS, Computer Networks, Software Engineering, Cloud Computing
- **Dissertation:** Developed E-commerce Web Application

WORK EXPERIENCE

Freelance Web Developer | Self Employed   Dundee, UK | July 2024 - Present
- Redesigned and developed responsive websites for three small businesses, integrating custom tools like a fare calculator and improving local SEO, resulting in increased user engagement and booking inquiries.
- Delivered end-to-end web solutions using HTML5, CSS3, JavaScript, and Figma, modernizing legacy sites to reflect brand identity and enhance mobile usability across devices.
- Implemented storytelling-driven layouts and visual galleries for an eco-focused art startup, boosting time-on-site and supporting brand positioning around sustainability and craftsmanship.

Data Platform Specialist | Residence Essential Limited   London, UK | March 2024 - June 2024
- Built the Rightscore MVP from the ground up by developing a full-stack web app, creating scoring APIs, and adding pricing algorithms to evaluate UK property values.
- Engineered scalable data pipelines and cloud infrastructure (AWS EC2/S3) to ingest UK-wide geospatial, crime, and AQI datasets, enabling real-time valuation scoring and reducing storage costs by 40%.
- Led cross-functional initiatives including pitch deck development, SEO-optimized web content, and investor whitepapers, accelerating platform traction and securing validation from estate agents.

Associate Tutor | University of Dundee   Dundee, UK | January 2023 - December 2023
- Delivered weekly labs on UNIX, C++, system architecture, and algorithms to 50+ undergraduates, boosting concept retention through hands-on instruction.
- Provided 1:1 debugging support to 20+ students, improving code accuracy and increasing assignment pass rates by 30%.
- Designed interactive quizzes and project-based modules, raising student engagement and practical understanding of AWS tools like EC2 and S3.

Frontend Developer | Cloudtaru   Hyderabad, India | March 2022 - November 2022
- Developed responsive web and mobile interfaces using React.js and React Native, enhancing user experience across franchise and ticketing platforms.
- Built admin dashboards for lead tracking and franchise management (Sparkradius), streamlining operations and reducing manual workload by 35%.
- Integrated REST APIs for PAN/AADHAAR verification in an e-KYC platform for Balaji Equities Ltd., accelerating customer onboarding by 50%.

Device Driver Developer | RCI, DRDO   Hyderabad, India | August 2021 - February 2022
- Developed bare-metal device drivers in C/C++ for Ethernet, UART (RS232/422), and MIL-STD-1553, enabling real-time data exchange between embedded systems and mission-critical interfaces.
- Built Qt-based GUI applications using Qt Widgets/Quick to transmit and receive data between PCs and embedded boards, reducing manual testing time by 40%.
- Designed and tested embedded systems on Zynq-7000, Artix-7, and Kintex-7 FPGAs using Xilinx Vivado and SDK, improving signal processing performance in QRSAM missile subsystems.

LANGUAGES, SKILLS, AND CERTIFICATES

Languages: English (advanced proficiency), Telugu, Hindi
Skills: Java, Python, C++, JavaScript, Reactjs, Nodejs, Expressjs, Tailwind CSS, Bootstrap, FastAPI, Git, GitHub, GitLab, Docker, Jira, CI/CD, MongoDB, PostgreSQL, MySQL, Agile, SCRUM, TDD, REST APIs, Responsive Web Design
Certifications: AWS Certified Cloud Practitioner, MERN Stack Certification, Gold Badge in Java from HackerRank