SHUBHAM PAWAR

(930) 333-4153 | pawarshubham5320@gmail.com | linkedin.com/in/pawar-shubham2000 | Open to Relocate

TECHNICAL SKILLS

Languages & Technology : Python, Java, C, JavaScript, TypeScript, HTML5, CSS, React.js, React Native, Node.js
Databases & Cloud : MySQL, MongoDB, PostgreSQL, NoSQL, Firebase, AWS
Tools : Docker, CI/CD, Jenkins, Terraform, Ansible, Kubernetes, Git, Django, VS Code, Jira, WordPress, Shopify
Certifications : AWS Certified AI Practitioner, Google Cloud Fundamentals: Core Infrastructure, Intro to AI by NPTEL

WORK EXPERIENCE

Mobile Engineer — **Sep 2024 - Dec 2024**
WorkOrderWizard LLC | React Native, Expo Go, Firebase — **USA (Remote)**

- Engineered the mobile app using React Native and Expo Go, optimizing performance for both Android and iOS platforms.
- Collaborated closely with cross-functional teams to debug and resolve critical issues, improving system fault tolerance and reducing customer-reported issues by 40%.
- Integrated Firebase Auth to implement role-based access controls, improving application security and reducing unauthorized access attempts by 70%.
- Conducted performance and crash resilience testing via TestFlight and Android emulators, reducing app crashes by 30% and enhancing mobile system availability.
- Boosted user retention by 25% by integrating intelligent UX features like calendar sync, real-time filtering, and push notifications tailored to user activity.

Full Stack Engineer — **May 2024 - Aug 2024**
MarketMinds | React, FastAPI, AWS, MongoDB, Node.js — **USA (Remote)**

- Built a responsive web application using React and Tailwind CSS, reducing page load time by 20% via AWS-optimized static/dynamic hosting and improving user engagement by 35% through performance-driven UI architecture.
- Crafted scalable RESTful APIs using FastAPI and AWS Lambda, optimizing distributed backend performance and reducing API response time by 40% under concurrent load.
- Integrated JWT and cookie-based authentication to secure API endpoints, cutting unauthorized access by 60%.
- Tuned MongoDB queries using PyMongo, reducing latency by 30% and enabling high-throughput CRUD operations for real-time data access.
- Accelerated data retrieval by 2x through Redis caching, reducing compute load and cutting AWS costs by 50%.

Full Stack Developer — **May 2022 - July 2023**
Splayndid Solution Pvt Ltd | React, Node.js, SQL Server, Azure — **India (Remote)**

- Developed a web-based assessment platform using React and Express.js, improving performance by 30% via optimized API handling and SQL Server indexing for faster query resolution.
- Implemented an automated question bank generation engine using Node.js and SQL Server, reducing manual effort by 50% and enabling dynamic content generation.
- Designed RESTful APIs to integrate internal modules, reducing response time by 40% and enhancing backend scalability and modularity.
- Collaborated with cross-functional teams on code reviews and system debugging, improving platform stability and reducing critical issues by 35%.

ACADEMIC PROJECTS

Project Asvins: Patient and Health Insurance Management System | *MERN Stack*

- Led full-stack development with a focus on frontend architecture, building a platform that connects patients, doctors, and insurers via secure appointment scheduling, search features, and a chatbot for seamless communication.
- Applied Agile methodologies in Jira to manage iterative feature delivery, ensuring adaptability and reducing development cycle time by 30%.

Business Collaboration Platform | *Google Gemini AI, Node.js, React, PostgreSQL*

- Developed a Generative AI-powered platform enabling 10x faster identification of team points-of-contact by product or repository, streamlining enterprise collaboration using Node.js, React, and PostgreSQL.

Detection and Classification of Tumors using Deep Learning | *Django, CNN*

- Engineered a deep learning-based diagnostic platform using Django and CNNs to detect and classify brain tumors from MRI images, incorporating preprocessing techniques like grayscale conversion and contour detection.
- Achieved 97.55% detection accuracy and 96.3% classification accuracy across 6,031 labeled images; published in *IJIRCCE*.

EDUCATION

Master of Science in Computer Science | Indiana University Bloomington | GPA: 3.9/4 **Aug 2023 - May 2025**

- Coursework: Data Structures & Algorithms, Applied ML, Applied Databases, Computer Networks

Bachelor of Engineering in Information Technology | Pune University | GPA: 9.2/10 **Aug 2018 - May 2022**

- Coursework: Problem Solving & OOP (Java/C++), System Design & Modeling, Distributed Systems, Operating Systems