

Prem Borde

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LinkedIn | GitHub | Portfolio

SUMMARY

Enthusiastic Computer Science undergraduate with hands-on experience in **Full-Stack Web Development (MERN + Next.js)**, **Mobile App Development (Android, Kotlin)**, and **AI/ML technologies**. Skilled in building scalable web and mobile applications, computer vision systems, and cloud-based solutions (AWS, Azure, GCP). Strong problem solver with proven experience in hackathons, internships, and real-world projects.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, TypeScript, Python, Kotlin, SQL
- **Frontend Development:** React.js, Next.js, HTML5, CSS3, Tailwind CSS
- **Backend Development:** Node.js, Express.js, FastAPI, Python, OpenCV, MediaPipe
- **Mobile Development:** Android (Jetpack Compose), Firebase
- **Databases:** MongoDB, MySQL
- **Cloud Platforms:** AWS (Lex, EC2, S3), Microsoft Azure, Google Cloud
- **Development Tools:** Git, GitHub, VS Code
- **Core Subjects:** Data Structures, OOP, Computer Networks, DBMS

EXPERIENCE

- **AI & Cloud Technologies Intern** Sep 2025 – Present
Edunet Foundation in collaboration with AICTE & IBM SkillsBuild Remote
 - Gaining hands-on experience in **AI and Cloud technologies** through real-world projects and mentorship.
 - Working on **AI-Powered Study Buddy**, an intelligent educational assistant that:
 - * Explains complex topics in simple terms for students.
 - * Summarizes study notes for quick revision.
 - * Generates quizzes and flashcards on demand using AI.
 - Learning to integrate AI models with cloud-based platforms for scalable deployment.
 - Collaborating with mentors to design, develop, and test AI solutions for educational challenges.

PROJECTS

- **AthleteConnect – AI-Powered Sports Networking Platform (Web + Mobile)**
Technologies: Next.js, Python (FastAPI), OpenCV, MediaPipe BlazePose, Android (Jetpack Compose), Firebase, MongoDB
 - Developed a **cross-platform platform** for athletes to showcase skills, track performance, and connect with coaches and peers—like LinkedIn for sports.
 - Built **web platform** with Next.js + Python backend and **Android mobile app** using Jetpack Compose + Firebase.
 - Integrated **AI-powered pose detection** for performance tracking, adaptive benchmarking, and cheat detection.
 - Designed **interactive dashboards, AR-based posture guidance, and gamification features** (badges, leaderboards, micro-goals).
 - Delivered a **scalable, user-friendly solution** accessible to athletes in diverse regions and environments.
- **PathFinderEdu – Career Navigator Web App**
Technologies: React.js, Node.js, MongoDB, FastAPI, Python
 - Developed full-stack platform with **500+ career profiles** and AI-powered assessment tools.
 - Built RESTful APIs with **JWT authentication** and integrated FastAPI chatbot for personalized career recommendations.
 - Designed an **interactive UI** with advanced search, dashboards, and real-time data visualization.
 - Deployed scalable **microservices architecture** with React frontend, Express backend, and Python AI services.

- **AI-Powered Document Analysis System (RAG-based)**

Technologies: FastAPI, Python, FAISS, Google Gemini API

- Engineered an intelligent document processing system for PDF, DOCX, and EML formats using RAG.
- Integrated **FAISS-based semantic search** with caching for optimized query performance.
- Built a modular FastAPI backend with Google Gemini API for advanced NLP-powered Q&A.
- Designed for real-world deployment in insurance and legal domains with logging & authentication.

CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate
- Udacity – Transformer Models and BERT (with Google Cloud collaboration)
- Introduction to IT and AWS Cloud
- Acmegrade – Cloud Computing
- TCS iON Career Edge

EDUCATION

Bachelor of Engineering – Computer Science

PCET NMIET, Pune

Aug 2023 – Jun 2027

CGPA: 8.3/10 (Third Year – TE)

Higher Secondary Certificate (HSC)

Dr. D.Y. Patil Jr. College, Pune

Jun 2021 – May 2023

Score: 81/100