

# Prem Borde

+91-9653309640 | prembordesn4@gmail.com | Pune, Maharashtra  
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

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| • <b>AI &amp; Cloud Technologies Intern</b><br><i>Edunet Foundation in collaboration with AICTE &amp; IBM SkillsBuild</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Sep 2025 – Present<br><i>Remote</i> |
| <ul style="list-style-type: none"><li>– Gaining hands-on experience in <b>AI and Cloud technologies</b> through real-world projects and mentorship.</li><li>– Working on <b>AI-Powered Study Buddy</b>, an intelligent educational assistant that:<ul style="list-style-type: none"><li>* Explains complex topics in simple terms for students.</li><li>* Summarizes study notes for quick revision.</li><li>* Generates quizzes and flashcards on demand using AI.</li></ul></li><li>– Learning to integrate AI models with cloud-based platforms for scalable deployment.</li><li>– Collaborating with mentors to design, develop, and test AI solutions for educational challenges.</li></ul> |                                     |

## 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

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- 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

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**Bachelor of Engineering – Computer Science**

*PCET NMET, 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*