

Mohammed Bilal

bilalm.vercel.app

mohammedbilal96654@gmail.com

+91 9370778994

EDUCATION

- PES University** Bangalore, India
B.Tech in Computer Science and Engineering *Sep 2023 – Sep 2027*

TECHNICAL SKILLS

- Languages:** Python, C++, JavaScript, HTML, CSS
- Frameworks & Tools:** React.js, Node.js, Express.js, MongoDB, Tailwind, Supabase, FastAPI, Streamlit, JWT, Docker
- Concepts:** DSA, REST APIs, OOP, Git/GitHub, Agile, JWT Auth, Machine Learning, NLP, Transformers, scikit-learn, spaCy, PyTorch, Hugging Face, LangChain, pdfplumber, PyMuPDF

RELEVANT COURSEWORK

- Core Subjects:** Data Structures and Algorithms, Operating Systems, Computer Networks, DBMS, OOP, Software Engineering, Web Development, Machine Learning

PROJECTS

- TeamBanalo – AI Hackathon Builder:** Smart platform that parses resumes and interests to auto-match participants into hackathon teams. Includes admin dashboard for team tracking.
Tech: React.js, TypeScript, FastAPI, Supabase, Docker, LangChain
- CV Sensei – AI Resume Optimizer:** NLP tool that evaluates resumes for grammar, ATS score, and job relevance using OCR and semantic similarity.
Tech: Streamlit, pdfplumber, PyMuPDF, Transformers, spaCy, scikit-learn, PyTorch
- CodeMentor AI – Code Reviewer:** Live code review tool using Gemini API that suggests syntax and logic fixes with real-time highlighting.
Tech: React.js, Node.js, Express.js, Gemini API, PrismJS, Highlight.js
- Sécurité Système – MERN eCommerce:** Security product store with JWT-based auth, filtering, and admin dashboard. Fully responsive with protected routes.
Tech: MongoDB, Express.js, React.js, Node.js, Tailwind CSS, JWT

EXPERIENCE

- Mahil AI Club, PES University** Jan 2024 – Present
Head of Web Development *Bangalore, India*
 - Leadership:** Built and maintained club website with dynamic blog content via Firebase
 - Collaboration:** Worked with AI/NLP teams on project showcases and CMS tooling

ACHIEVEMENTS

- Delta Time Hackathon:** Top 10 finalist; created a zombie game using Unreal Engine in 36 hours
- KCET:** Secured Top 4% rank in Karnataka CET exam
- Academic:** Awarded First Class with Distinction at PES University

CERTIFICATIONS

- C++ Programming – Udemy:** 2025
- Machine Learning with Python – Udemy:** 2025
- Python (Basic) – HackerRank:** 2025
- React – HackerRank:** 2025
- Software Development Essentials – Microsoft + LinkedIn:** 2024