MUHAMMAD MUNEEB

Full Stack Developer | Python Developer | AI & SaaS Builder

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PROFESSIONAL SUMMARY

Passionate, high-velocity Full Stack Web Developer, Python Developer, and AI SaaS Builder with hands-on experience in engineering real-world applications. A highly adaptive pioneer in AI-augmented software engineering ("vibe coding"), combining advanced prompt engineering and modern LLMs with solid architectural principles to build, iterate, and deploy production-grade software at extreme speeds. Completed 10 internships across Web Development, Machine Learning, and Data Science. Proven track record of participating in intensive hackathons and continuous, rapid, project-based self-learning. Seeking opportunities to build next-generation AI and full-stack solutions within innovative engineering teams.

TECHNICAL SKILLS

- **Programming Languages:** Python | JavaScript | TypeScript | HTML5 | CSS3
- **Web Development & Frameworks:** React.js | Next.js | Node.js | Full Stack Development | Frontend | Backend
- **Databases & Cloud SaaS:** Supabase | PostgreSQL | Lemon Squeezy (Billing) | Resend (Email) | Electron Engine
- **Development Methodologies:** Vibe Coding (AI-Augmented Development) | Rapid Prototyping | Responsive Design

FEATURED PROJECTS

FixPilot — AI-Powered OS Agent | Link: https://fixpilot.vercel.app/

An intelligent, real-time AI operating system agent that monitors screens and autonomously diagnoses & repairs Windows environment issues.

- **Ecosystem & Engine:** Engineered a custom Electron engine featuring GPU-accelerated overlay rendering for seamless real-time visual assistance.
- **SaaS Integration:** Built a robust Next.js SaaS portal integrated with Supabase authentication, Lemon Squeezy recurring billing, and Resend email pipelines.
- **AI Reasoning:** Integrated Google Gemini multimodal models with an intelligent, self-correcting web search retrieval pipeline for diagnostic accuracy.
- **Scale & UX:** Managed a 20,000+ line codebase ensuring zero-dependency AI inference and ultra-low latency execution for enterprise-grade UX.

FocusMind AI — Advanced AI Study Tool | Link: https://focus-mind-ai-self.vercel.app/

A comprehensive AI-powered student study assistant SaaS platform designed to drastically improve academic productivity and retention.

- **Core AI Modules:** Automatically generates instant summaries, structured interactive mind maps, dynamic self-assessment quizzes, and contextual mnemonics to streamline learning.
- **Full-Stack SaaS:** Built as a production-ready web application incorporating premium UI/UX, fast AI inference layers, and personalized user dashboard architecture.

WORK & INTERNSHIP EXPERIENCE

DevTrail (Website: https://devtrail.co/) — *Remote Full Stack Developer & Vibe Coder*
Leveraged advanced AI-augmented software engineering workflows ("vibe coding") to build, test, and ship optimized full-stack applications. Developed responsive frontend modules and robust backend solutions in a high-velocity remote team environment.

Other Internships (Total 10 Completed Internships):

CodeAlpha (5 Internships) — *Data Scientist | ML | Python | Full Stack | Frontend Intern*
Developed responsive interfaces, designed ML data models, and deployed full-stack modules. Successfully optimized data analysis pipelines using Pandas & NumPy, and built web frontends with clean modern designs.

Hex Software (2 Internships) — *Web Development & Machine Learning Intern*
Built responsive frontend components and integrated custom pre-trained ML models for user-facing services, ensuring high user engagement and smooth cross-browser performance.

TechnoHack (1 Internship) & Arch Technologies (1 Internship) — *Machine Learning Intern*
Conducted data preprocessing, automated high-throughput web-scraping pipelines, and evaluated/fine-tuned regression models to maximize analytical precision.

OTHER PROJECTS

Notes Platform (Link: https://notes-for-you-hub.vercel.app/) | React.js, JavaScript, CSS3
A comprehensive notes sharing and management platform for students built to streamline academic collaboration.

Saylani Entry Test Practice Platform (Link: https://saylani-entry-test-practice.vercel.app/) | React.js, TypeScript, CSS3
High-fidelity web application providing dynamic mock examinations for Saylani admission test candidates.

Gaming Portal (Link: https://games-free-games.vercel.app/) | HTML5, CSS3, JavaScript
An interactive gaming portal optimized for low-latency web play and rich CSS micro-animations.

AWARDS & ACHIEVEMENTS

🏆 **FG Sindh Programming Champion (Grade 9):** 1st Position in Computer Programming across all Federal Government (FG) Schools in Sindh.

🏆 **FG Hyderabad Programming Champion (Grade 9):** 1st Position in Computer Programming across all Federal Government (FG) Schools in Hyderabad District.

EDUCATION & CREDENTIALS

AI & Data Science Course
Saylani Welfare Trust | 2025

Cisco Python Essentials 1 & 2
Saylani Welfare (Cisco Affiliated) | 2025

Diploma in Information Technology (DIT)
ITC Center (TTB Affiliated) | 2025

Intermediate (HSC-II)
Degree College Latifabad No.11 | Present

HACKATHONS & ACTIVITIES

NIC AI Hackathon (2025) — *National Incubation Center AI Hackathon*
Pioneered and pitched modern machine learning and computer vision architectures under intensive competitive conditions, collaborating with multidisciplinary engineers.

Coding Night Hackathon (2026) — *9-Hour Coding Sprint (9 PM - 6 AM)*
Collaborated in a high-intensity overnight development hackathon to design, build, and deploy production-grade software prototypes within a 9-hour limit. Awarded Certificate of Participation.

Coding Night Hackathon (2025) — *9-Hour Coding Sprint (9 PM - 6 AM)*
Successfully engineered functional application prototypes under extreme constraints. Awarded Certificate of Participation.

LANGUAGES

English (Professional) | **Urdu** (Native) | **Hindi** (Conversational)