ATHUL VINAYAK S M

+91 7034592048 | athulvinayak168@gmail.com | linkedin.com/in/athul-vinayak-s-m | github.com/ATHUL2526

Professional Summary

Detail-oriented and passionate Computer Science student with hands-on experience in full-stack web development, Android application development, and AI-based projects. Proficient in React.js, Next.js, Node.js, JavaScript, Python, MongoDB, Firebase, Tailwind CSS, and SQL. Experienced in developing and deploying production-ready websites for clients, including Grace Rehab & Wellness and CampTop Munnar. Strong problem-solving abilities, a quick learner, and passionate about building scalable, user-focused software solutions while continuously expanding technical expertise.

Technical Skills

Languages: Java, Python, C, JavaScript, HTML5, CSS3, SQL (MySQL, PostgreSQL), R
Frontend: React.js, Next.js, Tailwind CSS, GSAP
Backend: Node.js, Express.js, Firebase, WordPress
Databases: MongoDB, MySQL, PostgreSQL, SQLite
Developer Tools: Git, GitHub, Google Cloud Platform, VS Code, Visual Studio, PyCharm
Libraries: OpenCV, MediaPipe, NumPy, pandas, Matplotlib

Experience

Freelance Web Developer — Sep. 2024 – Nov. 2024
Grace Rehab & Wellness — *Kerala, India*

- Developed and deployed the official website for Grace Rehab & Wellness.
- Designed responsive and user-friendly web pages with a modern UI/UX.
- Optimized website performance and responsiveness across devices.
- Managed deployment and worked directly with client requirements.

Freelance Web Developer — May. 2026 – Jun. 2026
CampTop Munnar — *Kerala, India*

- Designed and developed the official website for CampTop Munnar.
- Created pages for packages, gallery, blogs, FAQs and contact information.
- Integrated WhatsApp booking and inquiry functionality.
- Improved SEO, responsiveness and user experience.

Projects

Artificial Intelligence Virtual Mouse | *Python, OpenCV, MediaPipe, Machine Learning* — Jun. 2022 – Jun. 2023

- Developed an AI-powered virtual mouse using real-time hand gesture recognition.
- Implemented cursor movement, clicking, scrolling and drag-and-drop.
- Used OpenCV and MediaPipe for computer vision and hand tracking.

Attendance Management System | *Java, Kotlin, Firebase, SQLite, ZXing* — Jun. 2022 – Nov. 2022

- Developed an Android attendance management system using QR codes.
- Implemented QR generation and scanning with ZXing.
- Managed attendance data using Firebase and SQLite.
- Implemented CRUD operations with an intuitive user interface.

Education

College of Engineering and Management Punnapra — Alappuzha, Kerala
Bachelor of Technology in Computer Science and Engineering — *Aug. 2019 – Aug. 2023*

Certifications

Data Science & AI/ML in Python — 2024
Luminar Technolab Software Training Institute — *Kochi, Kerala*