MOHD AANAS
B.E. - Electronics & Communication Engineering
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BRIEF SUMMARY

Electronics undergraduate with a strong passion for software development and emerging technologies. Skilled in full-stack development, quick to learn, and eager to apply academic knowledge to real-world projects. Motivated, collaborative, and driven to build scalable, user-centric solutions while continuously growing as a developer.

KEY EXPERTISE

Languages: C++, HTML/CSS, JavaScript, TypeScript, SQL

Developer Tools: VS Code, Postman, MongoDB Compass, Git-GitHub, AWS, Terraform

Technologies/Frameworks: Tailwind CSS, Bootstrap, Node.js / Express.js, React, Redux, MongoDB

EDUCATION

University Institute of Engineering and Technology — 2022 - 2026
B.E. - Electronics & Communication Engineering | CGPA: **7.21** / **10**

SD Inter College, Saharanpur, Saharanpur — 2021
12th | BHSIEUP | Percentage: **72.40** / **100**

SAM Inter College, Saharanpur, Saharanpur — 2019
10th | BHSIEUP | Percentage: **70.80** / **100**

INTERNSHIPS

Aakaar.ai | IT / Computers - Software — 02 Jun, 2025 - 02 Jul, 2025
Full Stack Developer

Key Skills: NodeJS blender backend ReactJS ai agents Javascript Python Flask

- Built and deployed AI-powered web apps using React.js, Node.js, and MongoDB to generate influencer-style ads from product inputs.
- Worked on algorithms to integrate and compile 2D images into realistic 3D models for ad rendering and visualization.
- Optimized backend for 2x faster media generation and 60% better API scalability, enhancing overall system performance.
- Collaborated across teams to launch new features, improve UI/UX, and cut ad creation time by 40% through automation.

ITC PVT LTD | IT / Computers - Software — 01 Jul, 2024 - 27 Jul, 2024
Junior Developer Intern

Key Skills: Web Design React.js Web API Tools Deployment Team Spirit

- Developed a web app to manage and track daily wage records for laborers, enhancing payroll transparency and efficiency.
- Integrated CRUD functionalities with secure authentication to enable authorized access and real-time updates.
- Utilized technologies like React.js, Node.js, and MongoDB to build a scalable and user-friendly interface.
- Reduced manual errors and streamlined wage calculation processes for on-site supervisors.
- Played an active role in sprint discussions, code reviews, and feature planning, fostering a collaborative team spirit.

PROJECTS

COREIT(Dev.env) — 25 Jun, 2025 - 09 Jul, 2025
Mentor: Sparsh Gaur | **Team Size:** 2
Key Skills:

NodeJS Express.js ReactJS MongoDB Redis Firebase API groq_API python Flask TailwindCSS

MaterialsUI

Project Link: https://github.com/MAanas078/HackOrbit-ILLUMINATI

- Developed modular UI using React.js, Three.js and material-UI focusing on job submission, real-time job tracking.
- Implemented secure code upload, encrypted execution sandboxing, and metadata logging on Solana Blockchain.
- Engineered backend APIs in Python (FastAPI/Flask) and Node.js for job queuing, and Docker-based container orchestration.
- Here lenders can lend their computing power`s to their clients using Docker containers and Redis.

WellBot.AI

03 Jun, 2025 - 30 Jun, 2025

Team Size: 1

Key Skills:

NodeJS   Express.js   MongoDB   ReactJS   Javascript   tailwindCSS   Full-Stack   Three.js   API   Flask   SQLite

Project Link: https://github.com/MAanas078/WellBot.AI

- Built WellBot.AI, an intelligent web application that diagnoses health issues based on user-described symptoms and pain analysis.
- Integrated an interactive 3D human body model allowing users to precisely pinpoint pain locations for accurate assessments.
- Integrated a healthcare chatbot with inputs for pain type, duration, severity, symptoms, age, gender, and medication history.
- Utilized AI models to analyze user input and deliver personalized diagnostic insights for improved healthcare interaction.

ArogyaMate

15 Mar, 2025 - 07 May, 2025

Team Size: 1

Key Skills:

python   API   Three.js   Blender   React.js   CSS Flexbox   Express.js   Node.js   SQLite   Flask   Javascript

Stripe API

Project Link: https://github.com/MAanas078/ArogyaMate.git

- Developed ArogyaMate, a full-stack doctor appointment web app with separate admin and doctor panels using the MERN stack.
- Implemented admin features to manage doctor profiles and view appointment records efficiently.
- Enabled users to book doctor appointments based on availability, improving accessibility and scheduling.
- Integrated a smart chatbot for appointment booking and prescription-related queries to enhance user experience.

ACHIEVEMENTS

- Secured 7th rank out of 100+ teams while leading my team in EduHacks Season 1 National level Hackathon.
- Served as Team Lead and secured a finalist position at HackIndia Spark-8, a nationally recognized hackathon.
- Secured first position in Round 1 and secured a spot in Top 40 Teams from 3800+ Teams in HackronyX National level Hackathon.
- Secured spot in Top 100 teams out of 2000+ teams in HackOrbit National level Hackathon.
- Qualifier of the Healthcare Management System-Hackathon held at IIT Indore as part of Fluxus 2025.

POSITIONS OF RESPONSIBILITY

Team lead in Multiple National Level Hackathons (Eduhacks, Hackindia-spark-8, HackronyX, Hackorbit,etc)

- Led teams that consistently advanced to final rounds in competitive events and hackathons.
- Demonstrated strong leadership, collaboration, and rapid problem-solving under pressure.

Led the Science Exhibition Organizing Team in My School (August 15–18, 2019)

- Successfully organized a 4-day science exhibition showcasing innovative student projects and models.
- Coordinated with students, teachers, and volunteers to manage event logistics, schedules, and presentations.

CO-CURRICULAR ACTIVITIES

- Secured 1st position as a member of the winning UIET cricket team at Parakram 2023, JUIT Waknaghat.
- Member of Organizing Committee of Goonj 2025.
- Member of Toolbox Club UIET.

WEB LINKS

- Github - https://github.com/MAanas078
- Personal - https://mohdaanas.netlify.app/