

GHULAM AHMED

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EDUCATION

New Jersey Institute of Technology

Newark, NJ

Bachelor of Science in Computer Science

May 2025

- **GPA:** 3.3/4.0
- **Relevant Coursework:** Object-Oriented Programming (C++, Java), Data Structures & Algorithms, Systems Programming (C, Bash), Machine Learning & Data Science (Python, Pandas, Scikit-learn), Database Design (SQL & NoSQL), Mobile App Development (Kotlin), Web Development (HTML, CSS, JavaScript)
- **Honors:** Dean's List (Fall 2021, Fall 2024, Spring 2025), Merit Based Scholarship

TECHNICAL SKILLS

- **Languages:** TypeScript, Java, SQL, Python, C++, C, JavaScript, Kotlin, Bash, HTML, CSS.
- **Frontend:** React.js, Next.js, React Native, Tailwind CSS.
- **Backend:** Node.js, Express, GraphQL, REST APIs, Prisma ORM.
- **Databases:** PostgreSQL, MongoDB, Oracle SQL, MySQL.
- **Tools & Platforms:** Git, GitHub, Docker, Jest, AWS, Azure, Linux, Supabase, Firebase, Postman.

WORK EXPERIENCE

Full-Stack Software Developer Intern

May 2024 – September 2024

SkyIT Services

Remote

- Maintained and improved a full-stack employee portal serving **600+ users**.
- Developed a task platform with **React** and **PostgreSQL**, improving task completion rates by 20%.
- Fixed high-priority bugs and launched enhancements, reducing task completion time by 10%.
- Shipped **5+ features**, including Google Calendar **API integration** for live scheduling.
- Led sprint planning & code reviews as **Team Lead** in a **SCRUM/Agile** environment for a team of 8 interns.

Generative AI Extern

June 2024 – July 2024

Cognizant

Remote

- Fine-tuned Hugging Face models, including **GPT-2**, for text classification & generation tasks.
- Used Parameter Efficient Fine-Tuning (**PEFT**) to boost model accuracy by 15%, reducing training time by 20%.
- Applied **data preprocessing**, model evaluation, and **hyperparameter tuning** to optimize model performance.

Brand Ambassador

January 2023 – May 2024

Momentum Solar

South Plainfield, NJ

- Consistently exceeded goals by 30%, generating 50+ quality leads monthly through sales & customer service skills.
- Ranked in the **top 5%** for key performance indicators among 80+ peers as the **youngest member** on the team.
- Simplified & explained complex concepts clearly, a valuable skill for engineering & **project management**.

PROJECTS

MechFind | TypeScript, React, React Native, Firebase

May 2025 – Present

Founder & Software Engineer

- Co-developing a web/mobile app to increase mechanic revenue (**SAS**), using Google Maps API for precise discovery.
- Using Software Engineering best practices, including **unit testing**, **modularity**, and **Test Driven Development**.
- Leveraging full stack development skills to implement user **authentication** and mechanic profiles through **Firebase**.

[Live Lawyer](#) | React Native, TypeScript, Express, Postgres, Twilio, Prisma ORM, Node.js

January 2025 – May 2025

Project Manager & Software Engineer

- Leading development of a web/mobile app to connect users with lawyers, using **React Native & TypeScript**.
- Manage a team of 5 developers and coordinate with stakeholders to align app development with business goals.
- Implementing real-time lawyer-client communication with **Twilio** for chat and video calls
- Utilizing **Supabase & Prisma ORM** for secure, scalable database management, including profiles & authentication.
- Integrating **Docker** for **containerization** to standardize environment, with plans for seamless deployment soon.

Covey-Mon | [GitHub](#) | TypeScript, React, NodeJS, Express, Jest

September 2024- December 2024

Software Engineer

- Extended [Covey.Town](#) framework by integrating a Pokémon-inspired game using **TypeScript & React**.
- Utilized **RESTful PokéAPI** to integrate Pokémon stats, abilities, and moves into a multiplayer environment.
- Collaborated in a **SCRUM team** using **Agile methodologies**, contributing to sprint planning & code reviews.
- Gained experience with **SDLC**, **CI/CD pipelines**, and open-source collaboration while deploying new features.