

# Ghulam N. Ahmed

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## EDUCATION

### Brooklyn College, City University of New York

Fall 2021 – Present.

*Bachelor of Science in Computer Science 2025*

*GPA: 3.400*

*Dean's List - Spring 2023, Fall 2023 semesters, Spring 2024.*

**Relevant Coursework:** Intro to JAVA Programming, Introduction to Modern Programming Techniques (Java), Data Structures(Java), Computer Architecture, Discrete Structures, Database Systems, Programming Paradigms in C++, Design and Implementation of Large Scale Web Applications, Operating Systems.

## TECHNICAL SKILLS

**Programming Languages:** HTML, CSS, JavaScript, SQL, Java.

**Frameworks:** NodeJS, Express, React, Redux, Tailwind CSS, Framer-Motion.

**Tools and Technologies:** ORM (Sequelize), DBMS (PostgreSQL), Git, GitHub, Postico, Postman, Figma, GitHub Pages, Project Management Board (GitHub Projects), Chrome DevTools, Axios/Fetch, NPM

**Natural Languages:** English (Fluent), Urdu (Native), Hindi (Basic), and Punjabi (Basic).

## PROFESSIONAL EXPERIENCE

### Runwei™ | AI & ML for Financial Inclusion and Economic Mobility

June 2024 - Present

*Platform Development Intern*

- Participate in enhancing AI-driven financial platforms by collaborating on frontend development, conducting User and Admin QA testing, and building web scrapers for data extraction and integration into databases.
- Conduct research on the latest AI and ML technologies for financial inclusion and implement new features to improve user accessibility and financial literacy.
- Optimize platform performance, ensure robust data security and compliance with financial regulations, and analyze user feedback and system performance metrics to propose actionable solutions.

### NYC Tech Talent Pipeline Residency at Brooklyn College

June 2023 – August 2023

*Web Development Intern*

- Collaborated with a diverse group of aspiring software engineers, receiving continuous mentorship from experienced industry professionals.
- Developed full stack web applications with a MERN stack (MongoDB, Express.js, React.js, Node.js), incorporating Redux for state management and PostgreSQL for the relational database system.
- Utilized Sequelize.js as a promise based ORM for Node.js to interact with the PostgreSQL database.
- Improved problem-solving skills and technical proficiency through ongoing challenges and hands-on experience. Effectively communicated technical information with a team, reinforcing skills in collaboration, problem-solving, and presentation.

## PROJECT

### FinanceMate - [Stable Deployment](#) | [ER Diagram](#) | [SRC - Frontend](#) | [SRC - Backend](#)

*Individual Contributor*

- Developed a financial app using the PERN stack, Redux, Nivo, and D3.js, integrating Stripe, Plaid APIs, and Google OAuth 2.0 for secure authentication and dynamic budgeting tools.
- Enhanced user experience with Tailwind CSS, Framer Motion, and Material UI; redesigned login and sign-up pages, and created a user-friendly sidebar.
- Contributed to Finance Mate's "Committee-San" feature, integrating Stripe for authentication and payout management, boosting user engagement and support through a team effort.

### GitNalysis - [Stable Deployment](#) | [Wireframes](#) | [SRC - Frontend](#) | [SRC - Backend](#) | [API Docs](#)

*Individual Contributor*

- Collaborated on "GitNalysis," an app using the GitHub API to provide a dashboard for key software engineering metrics, enhancing decision-making and productivity.
- Focused on UI and frontend development, creating user-friendly interfaces and implementing an algorithm for visualizing metrics like lead time analysis and commit insights.
- Developed a comprehensive dashboard interfacing with GitHub repositories, improving team collaboration and enabling data-driven decision-making.