Tahmidur Rabb

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EDUCATION

New York University, Tandon School of Engineering, New York, NY   Expected Graduation Date: **December 2023**
Bachelor of Science, Computer Engineering
Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming Artificial Intelligence, Software Engineering

TECHNICAL SKILLS

Programming Languages

Proficient: Python3 (5 years experience), JavaScript ES6 (7 years experience), SQL (4 years experience)

Intermediate: C++ (3 years experience), Java (2 years experience)

Frameworks/Cloud Platforms

Proficient: HTML5/CSS3 (8 years experience) | Node.js (5 years experience) | Vue.js/React.js (5 years experience)

                 Flask/Django (5 years experience) | AWS (3 years experience) | MongoDB (3 years experience)

Intermediate: TypeScript (2 years experience) | Heroku (2 years experience) | Docker (2 years experience) | GCP (2 years experience)

EXPERIENCE

Software Engineering Intern/IT Technician,   **July 2022 - Present**
New York University, New York
- Developed a Python data visualization script for inventory tracking of **500+** equipment using Python, Excel, and Google Forms API, reducing time restraints and maximizing team efficiency by **15%**
- Administered network domains for **5+** buildings and over **500+** clients, fostering a **35%** increase in network coverage
- Utilized scripting commands and Windows/MacOS programs to repair client's software components

Software Engineering Intern   **December 2021-February 2022**
Dominion Capital, New York, NY
- Integrated Docker, PHP, and JavaScript to optimize **5+** scalable web applications under a CI/CD pipeline, resulting in a **15%** increase in project development
- Built a robust dynamic website using PHP to configure backend routes rendered by data from Adminer, and JavaScript to refactor static web application
- Developed automated scripts using Gulp.js and Webpack.js to deploy and render projects for production

Project Lead/Software Engineer Intern,   **June 2021-August 2021**
STEM-Away, New York, NY
- Developed a photo gallery plugin on Discourse environment and spearheaded a team of 5 interns while operating in Agile scrum and test driven development, resulting in a **30%** increase in efficiency
- Utilized Ruby and AngularJS to implement a robust functionality that formats over **150** inputted images entered by user in a grid layout
- Used Dynatrace and GTmetrix to optimize application to handle **500+** requests per minute, speeding up user requests by **30%** and input size by **10%**

PROJECTS

Full Stack Developer | PoetLands   **September 2023-Present**
- Architected a scalable full stack application that allows **150+** users to create an account and post their published poems
- Utilized ReactJS to build modular, functional React components, Express/NodeJS to handle backend routing and MongoDB to store and retrieve data schemas
- Integrated bcrypt for password hashing and JWT and CORS for user authentication, increasing app security by **30%**

AI Engineer | AI Career Chatbot   **September 2023-Present**
- Developed an AI career chatbot that inquires users on career options based on inputted data and generates responsive answers based on analyzing content of user's requests
- Used gradio and Python to build AI script and integrated OpenAI API to simulate responses based on pre-trained modeling, resulting in faster response times by **200ms**

Project Lead/Full Stack Developer | Airline Ticket Reservation System   **September 2023**
- Developed a dynamic FullStack web application that allows **200+** users to book or create flight reservations
- Wrote backend endpoints using Python Flask to route queried data from SQL database and emulate GET/POST requests in aesthetic frontend web template
- Enforced login authentication and password hashing, improving safety of users by **40%**

ACTIVITIES

Student, AWS Cloud Computing Certificate, Meta Backend Developer Certificate	**June 2023**
Teaching Assistant, All Star Code (Instructed over **40+** STEM students in web development concepts)	**March 2021**
Fellow, CodePath CyberSecurity Bootcamp, CodePath IOS BootCamp	**March 2021**