

SHIVAM SINGH

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Education

Bachelor of Science: Computer Science
Georgia Institute of Technology - Atlanta, GA

Expected in 05/2024
Faculty Honor Roll, GPA: 4.0/4.0

Professional Summary

Software developer well-versed in analyzing user needs and developing software to precisely meet diverse needs. Proficient in multiple programming languages and proactively keeps up with industry trends. Experienced in and adaptable to wearing many programming hats in full-stack development.

Projects

- Won the Digital Ocean Award at the HackTCNJ Hackathon for creating a queue-syncing app for Spotify
- Developed an innovative software package that allowed for the automated entry of payments and restricted-access to information for 20+ clients
- Developed a dashboard that clients can access to control their users' access to sensitive data
- Developed a SMS bot with Discord integration to mass send texts to a client's users
- Developed a Twitter monitor that used keywords and filtering to send alerts for key twitter accounts
- Worked on a location-based event planning app for HackGT8

Relevant Coursework/Skills

- CS 1332 – Data Structures and Algorithms
- CS 2200 – Systems and Networks
- CS 4400 – Introduction to Database Systems
- CS 4476 – Introduction to Computer Vision
- Articulate Communication
- Proficiency in C#, Node.js, TypeScript, Java, Python, HTML, JS, and CSS
- Experience with React, Electron, and Flutter frameworks

Work History

Software Engineering Intern

05/2022 to Current

NCR Corporation – Atlanta, GA

- Worked on customer facing webapps such as the Developer Experience Portal and Marketplace
- Deployed a microservices architecture using Kubernetes utilizing industry design patterns such as CQRS, Repository, Mediator, and Dependency Injection
- Leveraged GraphQL queries to display consumer data delivered through our analytics team

Software Engineer

02/2021 to Current

Fiber Ranger – Doylestown, PA

- Created, deployed, and maintained the website www.fiberranger.com using modern frameworks
- Wrote mission-critical software to control and manage the LCD touchscreen on the device

Founder and CEO

01/2018 to 09/2021

Reached Coding – Newtown, PA

- Provided contractable and monthly service opportunities for clients to automate a variety of tasks
- Studied market to determine optimal pricing of goods and services and to capitalize on emerging opportunities.
- Gathered and defined customer requirements to develop clear specifications for project plans.