SHIVAM SINGH

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Education

Georgia Institute of Technology - Atlanta, GA   Expected in 12/2024
Bachelor of Science: Computer Science   Faculty Honor Roll, GPA: 4.0/4.0

Relevant Coursework

Teaching Assistant - **Systems and Networks**
Data Structures and Algorithms, Systems and Networks, Database Systems, Computer Vision, Artificial Intelligence, Perception and Robotics, Computer Networking I, Machine Learning, Design and Analysis of Algorithms

Work History

Software Engineer / Team Lead   05/2022 to Current
Swift Tech – San Jose, CA
- Developed commercial automation tools to use on blockchain for both Ethereum and Solana
- Designed, organized, and delegated tickets across 10 developers in 5 countries to achieve high velocity

Software Engineering Intern   05/2023 to 08/2023
Hewlett Packard Enterprise – Andover, MA
- Utilized Kafka, CockroachDB, Java Spring, and Golang Gin in a next generation architecture to efficiently monitor and update network topology in datacenter virtual machine context

Software Engineer   02/2021 to 05/2023
Fiber Ranger – Doylestown, PA
- Created, deployed, and maintained the website www.fiberranger.com using React
- Integrated with Honeywell and Avansis security integrators using gRPC, HTTP, and modbus

Software Engineering Intern   05/2022 to 12/2022
NCR Corporation – Atlanta, GA
- Worked on customer-facing web apps 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

Founder and CEO   01/2018 to 09/2021
Reached Coding – Newtown, PA – www.reachedcoding.com
- Conceived, developed, marketed, and supported several software products to provide both contractable and monthly services/APIs for clients to automate a variety of tasks
- Studied the market to determine optimal pricing of goods and services and to capitalize on emerging opportunities

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 SaaS clients
- Built a dashboard with both admin and user views to manage automatic billing to services via Stripe
- Created an 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

Skills

- Proficiency in C#, Node.js, TypeScript, Java, Python, C, C++, Golang
- Experience with NextJS, React, Electron, Flutter, ASP.NET, Java Spring, Express, Nest.js