Shaurya Dahiya

Philadelphia, Pennsylvania | shauryadahiya.vercel.app | shauryadahiya@gmail.com | +(1) 7373349358| LinkedIn | Github
Computer engineer with software development experience in startups | UPenn Masters Student | Competitive Coder (C++) | Interested in Software Systems, Web and Mobile Development. Currently looking for internships as Software Developer for summer 2024.

Education

Institution	Degree/ Program	Grades	Year
University of Pennsylvania (UPenn – Masters)	Computer and Information Science (Engineering)	-	2025
National Institute of Technology, Kurukshetra	Computer Engineering (Information Technology)	9.35/10GPA	2021

Experience

Software Developer – Nirva Health   October 2022 – July 2023
Tech startup in Healthcare sector, connects users with health coaches among other services
- Switched the backend from **REST Api to GraphQl**, set up the schema using AWS amplify reducing **turnaround time by about 25%**
- Created **tools for internal team management** using **NextJs** and **Retool** increasing the team efficiency by almost **50%**
- **Set up analytics** for mobile app and internal tools using mixpanel and segment, identified various cases to help business growth, directly leading to **increasing retention rate by 1.1x** and improving team productivity
- Created a **custom appointment management service**, added functionality of dynamic link creation for appointment, **saved more than 2000 hours per month** of the customer relationship management team
- **Reduced the net buffering time** of streaming videos by **15%** by setting up CDN and video convertor service
- Leveraged AI to help health coaches in medical diagnosis and user diet creation

Software Developer – ElectricPe   June 2021 – October 2022
ElectricPe provides EV charging stations and an app for users to find the nearest station
- Designed the backend for the mobile app to handle **10x** the current traffic
- Developed ***app wallet and user behavior tracking*** features for the app
- Rebuilt the UI and backend of the user profile page, **reducing its latency by 100ms**

Software Developer Intern – CVENT   January 2020 – June 2020
- Project: Backend and UI development of Cvent - Survey Product using **Java Dropwizard** framework and ReactJs
- Build Java Microservice to handle backend data including analytics, auto-population while maintaining consistency
- Gave more than **100 hours of knowledge transfer** sessions to other teams requiring our microservice

Projects

- Personal Blog – shauryadahiya.vercel.app
- **Voice recognition and speaker diarization** – Developed a Speaker Diarization software using Machine Learning (GNN) and Deep Learning algorithms (CNN), 97% accuracy for 20 people and 93% accuracy for a larger group of up to 60
- **ExamsOnline** – Website to conduct exams online and provide an interface between students and professors. Functionality to upload questions and answers files with inbuilt self-developed plagiarism checker

Skills

Languages / Frameworks / DBs - C, C++, JavaScript, Distributed Systems, NodeJS, ReactJS, NextJs, AWS Amplify, AWS complete suit, Firebase DynamoDB, Firebase Realtime DB, PostgreSQL

Academics - Competitive Coding ~1600 Codeforces
Data structures (10 GPA), Algorithms (9 GPA), Operating System (10 GPA), Computer Networks (9GPA)

Tools - Retool, Version Control, Jira, Standard Development and DevOps tools, MixPanel, Segment