Shaurya Agarwal

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EDUCATION

Bharati Vidyapeeth's College of Engineering   Delhi, India
Bachelor of Technology in Computer Science Engineering   *Aug. 2018 – Aug. 2022*
- Current GPA: 8.4/10

Kulachi Hansraj Model School   Delhi, India
XII (Senior Secondary), Science   *Mar 2017 – Mar 2018*
- Percentage: 94.4

TECHNICAL SKILLS

Domains: Fullstack Development, Blockchain, DevOps, Machine Learning
Languages: Javascript, Python, Golang, Java, Solidity, C/C++, SQL (Postgres), HTML/CSS
Frameworks: Django, Node.js, Flask, Rails, React.js, Angular
Developer Tools: Git, Docker, Google Cloud Platform, Amazon Web Services, Kubernetes

EXPERIENCE

Backend Engineer   Jan. 2021 – Present
TasteBuds   *Delhi, India*
- Developed and maintaining fault-tolerant microservice backend architecture using Node.js and PostgreSQL
- Set up CI/CD Pipelines using GitHub Actions for CodeDeploy to AWS EC2
- Created Blogs site for TasteBuds using Gatsby.js

Co-founder & Chief Engineering Officer   Aug. 2020 – Nov. 2021
Blackbeard Technologies Pvt Ltd   *Delhi, India*
- Cofounded a company to create a device to predict sleep quality using a contact-less methods
- Led a team of 5 interns and assisted in IoT and Mobile Application Development
- Developed, deployed and maintained microservice backend architecture using Flask and PostgreSQL
- Developed a python library to manage our day-to-day tasks, such as data processing, visualization and ensuring quality of the data using custom metrics

Backend Development Intern   Jun. 2021 – Jul. 2021
Sheeko (RMJ Technologies Pvt Ltd)   *Delhi, India*
- Analysed existing data to provide insights about the users
- Repaired and upgraded existing Django-based backend
- Improved Elasticsearch performance for the application by almost 2x

Frontend Development Intern   Jun. 2019 – Sep. 2019
Overisght Pvt Ltd   *Delhi, India*
- Created updated User Interface and User Experience Design for the website using Figma
- Developed the frontend website using Vue.js

VOLUNTEER

Mentor @ GirlScript Summer of Code'21   Mar. 2021 – May 2021
GirlScript   *Delhi, India*
- Managed projects under GirlScript Summer of Code'21
- Assisted and guided students in implementing new features for the applications
- Reviewed and merged pull requests made by students

Web Head   Jun. 2019 – Aug. 2021
Developer Students Club, BVP   *Delhi, India*
- Designed as well as developed the DSC BVP Website
- Developed the backend for the website for one of the events organised by DSC, BVP
- Organized hands-on workshop on *git* and other developer tools as a speaker and other various events about web development

CERTIFICATIONS

Machine Learning with Tensorflow on GCP | *Coursera*	Jan. 2019 - Feb. 2019
Data Science Master Course | *Coding Blocks*	May 2020 - Nov. 2020
Amazon Web Services Specialization | *Coursera*	Jun. 2020 - Jul. 2020

PROJECTS

go-functools \| *Golang, Functional Programming*
- A Golang package containing functional programming helpers.
- Wrote tests for the available methods
- Implemented library functions using Golang 1.18-beta1 *generics* feature

Covid Vaccine Notifier \| *Golang, REST API, PostgreSQL, AWS EC2*
- Developed a REST API using Golang *(Gorilla Mux)* and PostgreSQL
- The API notifies users about the availability of Covid Vaccine in their preferred location
- Deployed the backend API on AWS EC2 and the frontend on vercel

Anon \| *Blockchain, Solidity, Ethereum, React.js, Web3.js*
- Developed an online reporting platform that ensures the anonymity and legitimacy of the report by leveraging *Blockchain* technology
- Implemented the frontend for the application using React.js and Web3.js
- Won **MATIC Track Prize** at Hack4She 2020 organized by GirlScript Patiala and GirlUp TIET

Webathon-Backend \| *Django, REST API, PostgreSQL, Heroku*
- Developed a REST API to help organize online hackathons and events using Django Rest Framework and PostgreSQL
- Implemented the ability to signup, form teams using a special team code and create submissions
- Implemented an admin panel for organizers to take a look at the participants and their submisssions

Secure-Chat-App \| *Node.js, Socket.io, React.js, MongoDB*
- Developed a chat API using sockets and Node.js
- Implemented the ability for only tagged users to able to receive and read the messages sent