

Shaurya Agarwal

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EDUCATION

Bharati Vidyapeeth's College of Engineering

Bachelor of Technology in Computer Science Engineering

- Current GPA: 8.4/10

Delhi, India

Aug. 2018 – Aug. 2022

Kulachi Hansraj Model School

XII (Senior Secondary), Science

- Percentage: 94.4

Delhi, India

Mar 2017 – Mar 2018

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

TasteBuds

Jan. 2021 – Present

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

Blackbeard Technologies Pvt Ltd

Aug. 2020 – Nov. 2021

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

Sheeko (RMJ Technologies Pvt Ltd)

Jun. 2021 – Jul. 2021

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

Overisght Pvt Ltd

Jun. 2019 – Sep. 2019

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

GirlScript

Mar. 2021 – May 2021

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

Developer Students Club, BVP

Jun. 2019 – Aug. 2021

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

<u>Machine Learning with Tensorflow on GCP</u> <i>Coursera</i>	Jan. 2019 - Feb. 2019
<u>Data Science Master Course</u> <i>Coding Blocks</i>	May 2020 - Nov. 2020
<u>Amazon Web Services Specialization</u> <i>Coursera</i>	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 submissions

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