

# Shaurya Agarwal

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## EXPERIENCE

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### Technology Intern

Feb. 2022 – July 2022

*Tata 1mg*

*Delhi, India*

- Developed APIs using [Sanic framework](#) and [MongoDB](#)
- Developed an automation testing architecture for [API flow testing](#)
- Designed and developed a test case management tool to replace the existing third party tool in use

### Backend Engineer

Jan. 2021 – Present

*TasteBuds*

*Delhi, India*

- Developed and maintained fault-tolerant microservice backend architecture using [Node.js](#) and [PostgreSQL](#)
- Set up [CI/CD Pipelines](#) using [CodeDeploy](#) and [Github Actions](#) 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*

- Co-founded 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 daily tasks, like data processing, visualization and ensuring quality 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](#)

## PROJECTS

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### Covid Vaccine Notifier | [Golang](#), [REST API](#), [PostgreSQL](#), [AWS EC2](#)

- Developed a REST API using [Golang](#) 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

## TECHNICAL SKILLS

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**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

## EDUCATION

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**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*

## VOLUNTEER

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**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

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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