Akash **Rajpurohit**

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Work Experience

Cimpress
Mumbai, India

SOFTWARE ENGINEER
April. 2021 - Present

- Working on building tools to connect fulfiller to Cimpress MCP (Mass Customization Platform).
- Worked on standalone, reusable UI components using **React.js** with **Storybook**.
- Improved searching mechanism by implementing **AWS CloudSearch** which reduced the average search time from **2.5sec to 0.6sec**.
- Rewrote legacy services from **JavaScript** to **TypeScript**, and **AWS EBS** to **AWS Lambda** using **Serverless Framework**.
- Improved logging and error alarms to reduce time-to-react and resolution of production issues in multiple backend services.

PeopleGrove
Mumbai, India

SOFTWARE DEVELOPMENT ENGINEER 1
Aug. 2020 - April. 2021

- Developed services for **Admins and Super-Admins** using **React**, **Redux**, **Redux-Saga** with **Node.js**, **Sails.js** and **PostgreSQL** Database.
- Developed service for Admins in order to upsell other relevant services leading to increase in revenue.
- Improved performance of backend services by **60%** by moving data processing logic from application level to database level.

Frontier Techworks
Remote

FULL STACK DEVELOPER INTERN
June. 2020 - Aug. 2020

- Led and shipped Backend API's in **GraphQL** for the new platform called **FreshVet**.
- Wrote and reviewed code for API's using **Node.js**, **Apollo**, **GraphQL** and **MongoDB** and **Gatsby** with **Apollo Client**.
- Core modules included *Mobile OTP based Authentication*, *Real time chat using websocket subscriptions*, *Appointment Booking System*, *Smart Scheduling for Vets*, *Firebase Push Notifications*.
- Developed and designed the architecture of Backend from scratch and deployed to **AWS EC2**.

Projects

Github Emojis
Github, Website

REACT, NEXT.JS, TYPESCRIPT, CHAKRA-UI, FAUNADB, VERCEL
Oct. 2020

- Developed a Github Emojis search application based on NextJs with added benefit of **Static Site Generation** and **PWA** enabled.
- **Lazy loading** 1700+ emojis using **Intersection Observer** to reduce overhead on bandwidth by **60%** and **debouncing user input** for optimized search.

Clipper
Github, Download

NODE.JS, ELECTRON, REACT, BABEL, MATERIALIZECSS
May. 2020

- Clipper is a Open Source desktop application to save history of all information you copy and use them whenever with a solitary snap.
- Modules included like connecting directly to **system clipboard**, **audio interactions**, **storage**, **user settings**.

Skills

Back-end	Node.js, Express.js, REST API, GraphQL
Front-end	React, Redux, HTML & CSS, Next.js, Gatsby, Remix
DevOps	AWS EC2, EBS, S3, DynamoDB, Serverless Lambda, Docker, Git, Linux
Database	MongoDB, PostgreSQL, DynamoDB, Redis

Education

Vidyavardhiniś College Of Engineering & Technology
Mumbai, India

BACHELOR OF ENGINEERING IN INFORMATION TECHNOLOGY
June. 2016 - June. 2020

- Graduated with CGPA of **8.54 / 10.0**.

Honors & Awards

2020	**Top 5 Finalist / 1200 Students**, Smart India Hackathon 2020	*Remote*
2020	**Top 15 Finalists / 2500 students**, CSI InApp Awards 2020	*Remote*
2019	**Top 200 / 1,18,00 students**, HackWithInfy 2019	*Remote*
2019	**1st Prize / 23 teams**, Hack-Stomp Hackathon	*U.C.E*
2018	**2nd Prize / 35 teams**, VCET Hackathon	*V.C.E.T*