Gyan Prakash **Karn**

SOFTWARE ENGINEER

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Work Experience

Amazon
Hyderabad, India

SOFTWARE DEV ENGINEER - INTERN
Jan 2021 - Present

- Team: IN Payments Use Cases - Tech
- Working with P2P payments team.

SendX
Bengaluru, India

MANAGEMENT TRAINEE (HACKERBOY)
July 2020 - Jan 2021

- Team: Technology
- Implemented the Integration layer, starting with Glockapps in order to enhance the data already present on the platform.
- Added a feature to allow users to send mock emails and test out the platform. Added infra for domain and member email verification using JWT.
- Implemented the Incident Management CRM, which allows users to resolve and discuss Incidents relating to IPs, and SubAccounts.
- Implemented the onboarding checklist, the front and the APIs.
- Designed SendPost Goodies like Hoodie/T Shirts and Masks.
- Once the product was built, worked on frameworks like BullsEye, and AARRR to understand the funnel of customer impact and figure out items to work on in the next product cycle.
- Wrote a bunch of Python/Go Automation Scripts along the way, designed all the graphics on SendPost home page.
- Frameworks/Tools: Beego, NSQ, VueJs(2), Ansible, Openresty, Figma
- **https://sendpost.io**

Amazon
Hyderabad, India

SOFTWARE DEV ENGINEER - INTERN
May 2020 - June 2020

- Team: IN Payments Use Cases - Tech
- Implemented a modular React Native(Expo/TypeScript) Frontend utilizing AsyncStorage on iOS and Android Platform.
- Enhanced the search functionality by implementing a custom Trie from scratch.
- Implemented a backend service for the same using Spring Boot and AWS DynamoDB.
- Finished my project 2 weeks before the last date of my internship.
- Acquired a Pre Placement Offer (PPO).

CrioDo
Bengaluru, India

SOFTWARE ENGINEER INTERN
October 2019 - April 2020

- Team: Backend
- Implemented RESTful CRUD API endpoints for AWS EBS Volume for Students' Workspace on the platform using Spring Boot and AWS Lambda
- Built and deployed overall user workspace infrastructure utilizing Docker container, and several AWS stack focusing on high-availability, fault tolerance, and auto-scaling of EKS Cluster
- Automated start up tasks for user container and EC2 machines using Ansible
- Enhanced User Purge Jenkins Job Build Time by almost 1500% on Day 1
- **https://crio.do**

Projects

Did you have a look at X?
Nuxt, Go, AWS

COLLECTION OF RESOURCES FOR DEVS

- Led the backend REST API development along with a friend of mine.
- Designed and coded the frontend from scratch. Handled deployment CI/CD of the project.
- **lookatx.dev**

InterviewReady
Nuxt, Go, AWS, Stripe Razorpay

SYSTEM DESIGN COURSE PLATFORM FOR GAURAV SEN

- Led the development of the entire web app alone. Bought by 2k+ people.
- Integrated Stripe and Razorpay for course buying.
- **get.interviewready.io**

Education

Birla Institute of Technology
Ranchi, India

B.E. IN INFORMATION TECHNOLOGY
June 2017 - June 2021

- CGPA: 7.71/10

Awards and Recognition

2019	**20th Rank among 115+ Teams**, ICPC Asia Gwalior-Pune Onsite Regionals	*Gwalior, India*
2019	**3rd Rank among 246+ Individuals**, Quark Code Jam, organised by BITS Pilani, Goa Campus	*Codechef*
2019	**109th Place among 2500+ Individuals**, Google Kickstart Round B	*Online*
2020	**President**, IET on Campus	*BIT Mesra*
2020	**Director**, IEEE Student Branch	*BIT Mesra*
2020	**1st Rank**, Codezilla, Team Event based on Competitive Programming	*BIT Mesra*