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. Sat back and enjoyed the view of the product going from Zero to One.
- 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

lookatx.dev (live project) — *Nuxt, Golang, 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**

Karn — *Vue2, SpringBoot (JAMStack)*
PERSONAL BLOG / WEBSITE
- A frontend heavy personal blogging site, with features and UX that's aesthetically pleasing.
- **karngyan.com**

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*