

# KUNDAN KUMAR

Software Developer

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in Kundan-K-Singh  
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## ABOUT ME

• Electronics and Communication graduate from **IIT Delhi** with close to **7 years of experience** in software development and team leadership. • Currently leading a key vertical at Pasarpolis, overseeing the most revenue-generating unit, which operates using mobile app and web-ui. • Career spans both startups (3+ years) and large corporations like **Amazon, Nykaa, and Bosch**, providing a balanced perspective on speed, scalability, and customer focus. • Experience in managing teams, driving projects from concept to deployment, and delivering scalable, high-quality products in fast-paced startup environments.



## EXPERIENCE

2023 – Current  
Full Time/(1.5 Years)

### Team Lead

**PT. Pasarpolis Indonesia**

• Led a team of 7 engineers to design and onboard new insurance products across iOS, Android, and web platforms. • Overhauled wallet services and centralized payment and policy creation, suggested features and improved the reliability of system, reducing support tickets by 90% • Spearheaded UI improvements and addressed tech debt across the platform, while still doing code reviews and coding on critical areas of the projects.

Project Management / Design / User Experience / Reliability / Code Reviews

2022 – 2023  
Full Time/(0.5 Years)

### Back-End Developer

**Nykaa**

• Managed critical services for rendering widgets across Nykaa pages, handling significant traffic at scale. • Optimized the revenue attribution system and implemented application-side caching, reducing Redis costs and response times. • Owned personalization data services for all Nykaa users.

Flask / NoSQL / Big Data / AWS / Scale

2021 – 2022  
Full Time/(1.8 Years)

### Back-End Developer

**PT. Pasarpolis Indonesia**

• Handled the core services of app that enabled agents to compare and book insurance policies for their customers, for vehicle, property, gadgets, health etc online. • Owned commission-service, which is responsible for deciding the agent-commission amount and disbursing commission for the policies booked. • Designed and developed the tax module for the app, invoice and receipt generation module, policy-endorsement and other components that are handle critical financial transactions. • Providing guidance and mentorship to the junior members of the team.

Python / Django / MySQL / Git / Microservices / GCP / REST API

2017 – 2018  
Full Time/(0.5 Years)

### Back-End Developer

**Amazon India Pvt. Ltd.**

• Maintained, improved, scaled/de-scaled Gateway Service and Search and Discovery Service for Amazon Appstore. • Decoupled the Gateway Service from various dependencies so that it can be refactored from a service to a library, which could be used by downstream services, and eventually lead to an estimated annual savings of 4m USD in host machines because of uniform load distribution.

Java / Git / Linux / AWS / Spring

2014 – 2017  
Full Time/(3 Years)

### IoT Developer

**Robert Bosch Engineering & Business Solutions Pvt. Ltd.**

• Designed and implemented a method for OTA diff upgrade for a low storage capacity devices. • Implemented an emergency alert system in automobiles that was triggered by user or an event. • Designed an application to form a economic Xbee network for automated agricultural field monitoring and maintenance. Also created a library for the Xbee protocol and exposed APIs for easy interfacing with controllers.

C / Java / Hardware Interfacing / Python / Embedded Systems

2015 – 2016  
Full Time

### Healthcare Devices Development

**Robert Bosch Engineering & Business Solutions Pvt. Ltd.**

• Did complete design of hardware and development of software for POC handheld Blood Potassium monitoring device that could tell the blood potassium level much like a blood glucose meter for diabetics.

C / Electronics / Electrochemistry / Embedded Systems / Product Development

2017 – 2018

### Miscellaneous

**Robert Bosch Engineering & Business Solutions Pvt. Ltd.**

• Designed and developed a library with wrapper layer that abstracted the driver layer and exposed APIs to easily configure the dot matrix LCD display that displayed mobile like menu screen and screens to take alpha-numeric inputs on a device that only had navigation keys. • Designed an application using Python that read data from Flash storage of controller and transferred it to PC via COM-Port.

C / Python / Embedded Systems

## EDUCATION

2010 – 2014

### **Bachelor's Degree in Electronics and Communication**

*Indian Institute of Technology Delhi*

- Got a category rank of 174 in IIT-JEE 2010 where close to 5 lac students appeared in examination.
- Passed out with CGPA of 6.9 overall with knowledge in wide spectrum that included that in Computer Science, Mathematics, Psychology and Safety in Engineering.

Up till 2010

### **Secondary and Higher Secondary**

*St. Joseph's Public School, Dalsinghsarai*

- Consistently obtained first rank in the class all through middle and high school.
- Got AIR 162 in National Science Talent Search Examination and got selected for final interview in NTSE conducted by Govt.
- Got 95% and 85% in 10th and 12th board examination respectively.