



Abhinav Gopal

Software Development Engineer

Driven professional with a passion for solving complex problems and delivering impactful solutions. Skilled in collaborating within cross-functional teams to drive innovation and growth. Proactive in knowledge sharing and team-building, always eager to learn and stay updated on the latest trends.

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📍 Bangalore, India

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WORK EXPERIENCE

Software Development Engineer II Amazon Development Centre, India

10/2022 - 03/2025

Bangalore, India

Achievements/Tasks

- Lead a project to classify millions of items and vend out product's classification to its client with high accuracy and Tier-1 availability. The system supports 2000+ TPS and can be scaled horizontally.
- Led and successfully executed multiple projects, collaborating with cross-functional teams to ensure adherence to regulatory standards. Demonstrated strong leadership in coordinating project timelines, resource allocation, and delivering results on schedule.
- Actively contributed to team success through code and design reviews and by mentoring junior developers.

Software Development Engineer Amazon Development Centre, India

07/2018 - 09/2022

Bangalore/Chennai, India

Achievements/Tasks

- Led a project to optimize service and fleet data, reducing organizational costs. I also developed a solution for preregistering devices to customer accounts before delivery and designed a two-layer caching system to improve service reliability and address cold start issues.

SDE Intern

Amazon Development Centre, India

01/2018 - 06/2018

Chennai, India

Achievements/Tasks

- Developed a web application using Java Spring (MVC) and a web frontend to analyze service metrics and automatically assign investigation tasks to engineers based on detected anomalies. Improved team efficiency in issue analysis and resolution.

EDUCATION

Master of Computer Applications National Institute of Technology, Tiruchirappalli

2015 - 2018

GPA 7.64

B.Sc. (Information Technology)

Yogoda Satsanga Mahavidyalaya, Dhurwa, Ranchi

2011 - 2014

75.50 %

SKILLS

Data Structures

Algorithms

System Design

Java

C++

Problem Solving

Web Technology

Design Patterns

API Development

Microservices

Fullstack

Amazon AWS

RDBMS

Linux

PERSONAL PROJECTS

Adaventure 2017 (Online coding judge platform)

- An online coding web application to judge code submitted by participants, organised under Pragyan'17 (An ISO 9001 & 20121).
- 300+ participants involved.
- It was sponsored by DigitalOcean and BlueHost.
- Technology stack: HTML, Javascript, PHP, MySQL.

Version'16 (Android Application)

- Android application for event Version'16 (A National Level MCA Technical Symposium).
- Aimed to provide event schedule, event description, location info and user management functionalities.
- Technology stack: Java, XML, Android, Google Maps API.

ACHIEVEMENTS

AIR 39 in NIMCET Exam

69th Rank in IPU and 74th Rank in BHU MCA Entrance Exam 2015

Advanced to SnackDown'17 elimination round

Annual multi-round global programming tournament, Codechef 2017

1st Position in coding contest, Launcher Academy

Awarded 1st prize in Coding Contest, by Launcher Academy, Ranchi

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Competitive Programming

Problem Solving

Data Structures

Software Design and Architecture