

# Pratham Kohli

Contact no: +91-99xxxxxxx | Email: prathamkohlixxxx@gmail.com

## EDUCATION

### NIT JALANDHAR

BTECH IN COMPUTER SCIENCE & ENGINEERING

July 2020 | Jalandhar, PB

CGPA: 8.74

[ Graduated with Honors ]

## LINKS

Github:// [deedydas](#)

LinkedIn:// [debarghyadas](#)

LeetCode:// [DeedyDash007](#)

## COURSEWORK

### GRADUATE

Advanced Machine Learning

Open Source Software Engineering

Advanced Interactive Graphics

Compilers + Practicum

Cloud Computing

Evolutionary Computation

Defending Computer Networks

Machine Learning

## SKILLS

### PROGRAMMING

Over 5000 lines:

Java • Shell • Python • Javascript

OCaml • Matlab • Rails

Over 1000 lines:

C • C++ • CSS • PHP • Assembly

Familiar:

AS3 • iOS • Android • MySQL

## WORK EXPERIENCE

### SERVICENOW | SOFTWARE ENGINEER, IC2

Mar 2022 – Present | Hyderabad, India

- Developed and optimized a REST API with **Java and Spring Boot**, **reducing data processing time by 35%** and enabling seamless integration with frontend applications.
- Enhanced frontend performance** of a customer-facing dashboard by **40%** through refactoring JavaScript codebase, implementing React components, and optimizing state management.
- Built a real-time analytics dashboard in JavaScript, tracking 500+ metrics per second, **improving data accuracy by 25%** using WebSocket integration.

### SERVICENOW | ASSOCIATE SOFTWARE ENGINEER, IC1

June 2020 – Feb 2022 | Hyderabad, India

- Automated** repetitive tasks with Java-based scripts, **reducing manual efforts by 60%**, and improving team productivity through CI/CD pipeline integration with Jenkins.
- Designed a scalable microservices architecture in Java to handle increased traffic, **achieving 99.9% uptime and enabling a 2x increase in concurrent users**.
- Spearheaded a migration project to upgrade a legacy system from Java 8 to Java 11, **reducing memory usage by 30%** and improving system stability.

### INDIAN INSTITUTE OF REMOTE SENSING (IIRS), ISRO | SOFTWARE ENGINEERING INTERN

Jun 2019 – Jul 2019 | Dehradun, India

- Improved client-side performance by lazy-loading JavaScript assets, **decreasing initial page load times by 40%** and enhancing overall user experience.
- Optimized Java backend processing, reduced processing time by 45% and enabling real-time analytics on previously static reports.

## PROJECTS

### E-COMMERCE PLATFORM

( Node.js, WebSocket )

- Developed real-time chat app supporting 5,000+ users, achieving 98% uptime and sub-150ms message latency.
- Integrated WebSocket in Node.js backend and optimized MongoDB data storage and React frontend. [Link](#)

### REAL-TIME CHAT APPLICATION

( Node.js, MongoDB, Bootstrap )

- Built a scalable e-commerce platform with MERN stack, boosting user engagement by 30% and reducing load times by 25%. [Link](#)

## AWARDS

2020 top 52/2500

2021 1<sup>st</sup>/50

KPCB Engineering Fellow

Microsoft Coding Competition, Cornell