

# Kapil Dev

## Software Engineer 2

Full-Stack Software Engineer adept at building scalable, high-performance applications using Node.js, Nest.js, Spring Boot, React.js, & Next.js. Skilled in designing RESTful & GraphQL APIs, implementing microservices, event-driven architectures (Kafka), & optimizing database performance with PostgreSQL, MongoDB, & Redis. Experienced in DevOps, CI/CD, Docker, Kubernetes, & cloud platforms. Proficient in High-Level & Low-Level Design. Passionate about clean code, SOLID principles, & building intuitive user interfaces.



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Kapil Dev



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Bangalore, India

## WORK EXPERIENCE

### CAPGEMINI | Senior Software Engineer

June 2021 – feb 2024 | Bangalore, India

- Proficient in Node.js, Express, NestJs, Spring-boot, MongoDB, PostgreSQL, Redis, GraphQL, TypeOrm, MySQL, React.js, Next.js, GraphQL, Redux, and Java development, with expertise in JavaScript, TypeScript and java.
- Effectively crafted, developed, and managed REST APIs using the Node.js, Express.js, Nest.js, and Spring Boot frameworks in backend microservices. Streamlined Cognite data. retrieval was performed using GraphQL, resulting in reduced 40% latency and improved application performance.
- Integrated RESTful APIs and third-party services to deliver dynamic and accurate content on the front-end with real-time updates.
- Implemented advanced database solutions to optimize data handling and storage, enhancing application scalability and efficiency on back-end.
- Ensured software reliability through unit, integration, and end-to-end testing using Jest, JUnit, achieving 100% test coverage.

## PROJECTS

### Insurance Journey Web Application | Software Developer

- Designed and developed a comprehensive insurance web platform to streamline policy purchases, KYC verification, and premium selection.
- Integrated real-time third-party APIs for premium calculations and EMI processing, reducing user drop-offs by 20% through improved speed and reliability.
- Developed multiple APIs to capture health and lifestyle data (e.g., age, city, diabetes status), enabling policy eligibility checks and personalized add-on recommendations.
- Contributed to frontend development by building dynamic and reusable components in Next.js, improving responsiveness and usability across key customer journeys.

**Technologies :** Node.js, Express, Next.js, Nest.js, Redux, SonarQube, Postgress, Git, Redis, AWS, CI/CD, Jira.

### Video Management Retrieval | Software Developer

- Designed scalable and maintainable backend architectures using Java and industry-standard design principles.
- Created high-level and low-level design documents to outline system structure, data flow, and component interactions for development teams.
- Applied SOLID principles and design patterns to ensure code reusability, modularity, and long-term maintainability.
- Collaborated with cross-functional teams to translate business requirements into effective technical solutions, ensuring alignment with project goals.

**Technologies :** AWS EC2, AWS Open search, AWS Elemental Media convert, Java 8, Aurora AWS PostgreSQL Db.

## SKILLS

### Programming Languages

• JavaScript • Typescript • Java  
• HTML • CSS • Python • JSON • JSON  
• MySQL • XML • Linux

### Libraries/Frameworks

• Node.js • Express • Spring boot  
• Nest.js • React.js • Next.js • Redis  
• Redux toolkit • Apache Kafka • PostgreSQL • Microsoft SQL • GraphQL  
• MongoDB • Angular • Tailwind CSS

### Tools/Platforms

• Git • GitHub • Postman • Docker • Kubernetes • Figma • AWS • Jira • Atlassian • CI/CD • Azure • Datadog  
• SonarQube

## SOFT SKILLS

• Effective Communication • Problem Solving • Ownership • Team Collaboration • Accountability • Critical Thinking • Agile Mindset • Time Management • Continuous Learning • Adaptability • Cross-Functional Teamwork

## EDUCATION

### Presidency University

Bachelor's in Computer Science and Engineering

2015 – 2019 | Bangalore, India

### Kendriya Vidyalaya A.F.S

High School | PCMB

2013 – 2015 | Bangalore, India

## LANGUAGES

• English • Fluent  
• Hindi • Native  
• Kannada • Intermediate

## INTERESTS

• Programming • AI • Gaming  
• Travelling