

# Vivek Kumar



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[Mail](#)



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[Portfolio](#)

## Education

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**Cochin University of Science and Technology**

*B.Tech in Electronics and Communication Engineering*

May 2022

CGPA - 8.4

## Experience

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**PwC US**

July 2022 – Present

*NodeJs Backend Developer*

*Bengaluru, Karnataka*

- Developed and optimized RESTful APIs using Node.js and Express.js, resulting in a significant 40% reduction in API response time and notable improvements in system performance.
- Optimized MongoDB database queries, reducing page load times by 15% and enhancing overall application performance.
- Collaborated with cross-functional teams, including product managers, designers, and QA engineers, to gather requirements and translate them into technical specifications, resulting in a 20% improvement in requirement clarity.
- Actively participated in Agile development methodologies to deliver projects on time and collaborate effectively with the team.

## Projects

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**Chat-App** | *React.js, Node.js, Express.js, WebSocket, MongoDB, JavaScript*

- Implemented features including instant messaging, user authentication, and data encryption to ensure secure and seamless communication.
- Used latest state management tool like **Zustand** to reduce complexity by 30%
- Implemented a real-time chat feature using WebSocket and Socket.io, enhancing user engagement and reducing response time.

**ECommerce Website** | *JavaScript, React.js, Node.js, Express.js, MongoDB*

- Implemented secure user authentication with **JWT** for data privacy
- Integrated with third-party services and APIs such as payment gateways (PayPal)
- Integrated features like search, filtering for user convenience.

## Technical Skills

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**Languages:** HTML, Javascript, Python, C++

**Technologies:** React.js, Express.js, jQuery Bootstrap, Node.js,

**Database:** MySQL, PL/SQL, MongoDB

**Tools:** VsCode, Eclipse, Git, GitHub

**Concepts:** Microservices, OS, DBMS, Object Oriented Programming, DataStructures , System Design basics