# Shubham Kumar

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#### **EXPERIENCE**

# **Software Engineering Virtual Experience**

April 2025

J.P. Morgan Chase & Co. (via Forage)

Octanet Services Pvt Ltd.

Remote

- Optimized backend architecture by implementing Java and Spring Boot, reducing server response time by 30%.
- Developed and optimized RESTful APIs, reducing response latency by 25% and improving data exchange reliability.
- Refactored MYSQL queries and database schemas, increasing data retrieval speed by 20% and cutting execution time by 40%.

## Front-End Web Development Intern

September 2024 - November 2024

Remote

- Built web applications with React and modern frameworks, improving page load speed by 25% and UI responsiveness.
- Created interactive UI components with Bootstrap, Increasing user engagement and retention by 20%.
- Completed three cross-browser web applications on schedule, improving usability and accessibility across multiple devices.

## **PROJECTS**

## **E-Commerce Website** / Html5, CSS3, JavaScript, Bootstrap

Live Demo

- Designed a fully responsive, scalable, e-commerce platform with enhanced UI/UX, increasing user engagement by 15%.
- Implemented Bootstrap-powered interactive components, improving navigation by 25% and reducing bounce rates by 12%.
- Enhanced the website for mobile devices, increasing the mobile traffic by 20% within the first month of launch.

Real-Estate Website / React, React Hooks, Modern CSS, Framer Motion, Animations

Live Demo

- Established a fully responsive website showcasing projects and skills, resulting in a 40% increase in GitHub profile visits.
- Upgraded mobile optimization, achieving a 98% responsiveness score, improving user experience and engagement.

## **Currency Convertor Application** | React, React Hooks, Bootstrap, APIs, Git

Live Demo

- ullet Generate currency convertor app using React Hooks and a third-party API with 100% functionality coverage.
- Deployed advanced responsive design, ensuring 100% device compatibility and a 25% boost in user accessibility.

#### TECHNICAL SKILLS

- **Programming Languages**: Core Java, JavaScript, HTML5, CSS3
- Frameworks/Libraries: React & Redux, Spring Boot, API, Bootstrap, Framer Motion
- Databases: SQL, MySQL (Query Optimization, Schema Design)
- Developer Tools: Git, GitHub, Postman (API Testing), WordPress
- **Data Structure & Algorithms (DSA):** Created a JavaScript-based algorithm to optimize search functionality, decreasing latency by 150 milliseconds and improving accuracy by 20% for common queries.
- **Specializations:** Front-end Development (Ui/UX, Responsive Design), Core Java (OOP, Java Fundamentals)

# **EDUCATION**

## **DAV Institute of Engineering & Technology (DAVIET)**

Punjab, Jalandhar

Bachelor of Computer Applications (BCA)

• CGPA: 7.5/10

July 2021 - September 2024

## **PARTICIPATION**

**J.P. Morgan Software Engineering Virtual Experience:** Simulated real-world software engineering tasks including Git collaboration, front-end Development, and data visualization.

#### **CERTIFICATION**

- Front-End Web Development
- Software Engineering Certificate By J.P Morgan Chase & Co. (via Forage)

#### LANGUAGE

English || Hindi