

# SHUBHAM KUMAR

## National Institute of Technology, Karnataka

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### EDUCATION

**Masters of Computer Application** - National Institute of Technology, Karnataka (7.7 CGPA)  
**Bachelor of Computer Application** - Himachal Pradesh University (Shimla) (7.0 CGPA)  
**Senior Secondary (12th)** - Jawahar Navodaya Vidhyalaya, Nahan (75 %)  
**Secondary School (10th)** - Jawahar Navodaya Vidhyalaya, Nahan (74%)

### SKILLS

**Languages:** C++ (Proficient), Core Java (Intermediate)

**Tools & Frameworks:** Node.js, Express.js, SQL, MongoDB, Git & Github, IntelliJ, VS Code.

**Coursework:** Data Structure & Algorithms, Object-Oriented Programming, Database Systems, Operating System.

**Additional Skills:** JavaScript (Basic), HTML.

### PROJECTS

#### Worth IT (Node.js, Express.js, MongoDB)

[Backend Developer]

- Developed an E-commerce web application using Node.js and Express.js which allowed an authenticated user to buy products. Enabled the users to create and sign in to secure sessions. Used MongoDB as the real-time database manager.

#### REST API (Node.js, Express.js, MongoDB, Postman)

[Backend Developer]

- Developed REST API with Create, Retrieve, Update, and Delete (CRUD) functionalities using Node.js, Express.js framework, Mongoose (ODM) to interact with MongoDB and Postman to test API with requests.

#### Sudoku Solver (C++, Backtracking)

[C++ Developer]

- Implemented 9X9 Sudoku Solver, using the concept of Backtracking. Performs validation on given Sudoku.

### ACHIEVEMENTS

- AIR-30 Rank** - BIT MCA 2019 (National Level Entrance Exam Admission in BIT).
- First Position** - Code Chamber at 'Version 2019' - All India MCA meet at NIT Trichy.
- First Position** - Topsy Turvy, Enigma at 'Nakshatra'20' - All India MCA meet at NITC.
- Overall Winner** - Version 2019 - All India MCA meet at NIT Trichy.
- Overall Winner** - Inter-Branch Cricket Tournament 2020 at NITK.
- Among Top 50** - InterviewBit, GeeksforGeeks at University Level.

### TRAINING/ ONLINE COURSES

- Java** Programming for Complete Beginners
- Node.js** The Complete Beginner Guide