

SHUBHAM PANDEY

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📍 UP, India

EXPERIENCE

Software Developer

Capline Services

📅 Jan 2024 – Present

📍 Noida

- Developed scalable applications using **Node.js** and advanced JavaScript with a focus on asynchronous programming and Promises..
- Gained extensive experience with **MongoDB**, including schema design, query optimization, and managing complex data relationships.
- Implemented real-time features using **Socket.io** alongside developing **RESTful APIs** and service-oriented architectures.
- Experience in front-end frameworks **React.js** , with a strong understanding of building responsive user interfaces.
- Worked with AWS services such as **EC2** ,**EBS** and focused on performance tuning across multiple delivery platforms.
- Technologies Used: **Node.js,Express.js, MongoDB , React.js, AWS**

Systems Engineer

Tata Consultancy Services

📅 Jul 2021 – Dec 2023

📍 Noida

- Engineered and optimized robust APIs using **Node.js, JavaScript,MySQL,React.js**, facilitating seamless communication between front-end and back-end systems.
- Spearheaded a cross-functional team, accelerating project delivery by 25% and achieving outstanding results in challenging deadlines.
- Leveraged front-end technologies like **React.js,JavaScript HTML ,CSS** to enhance user experience and create interactive web elements.
- Implemented security measures and authentication protocols to safeguard sensitive data and protect against potential vulnerabilities.
- Participated in code reviews to improve code quality, foster knowledge sharing, and maintain coding best practices within the development team.
- Technologies Used: **Node.js,React.js,JavaScript, MySQL,HTML,CSS,.**

EDUCATION

Master of Computer Applications

Harcourt Butler Technical University

📅 2021

📍 Kanpur ,UP

CGPA: 8.5

Bachelor of Computer Applications

Mahatama Gandhi Kashi Vidyapith

📅 2018

📍 Varanasi ,UP

Percentage: 78%

ACHIEVEMENTS

- Certificate of Achievement (Bronze) - Capline Services [🔗](#)
- Learning Achievement Award - TCS [🔗](#)
- HackerRank JavaScript (Intermediate) Certificate [🔗](#)
- Problem Solving (Basic) Certificate [🔗](#)
- LinkedIn Learning :Learning JS [🔗](#)

TECHNICAL SKILLS

- Programming Languages:** JavaScript, C++
- Web Development:** Node.js,Express.js , HTML , CSS,React.js
- Database Tools:** MongoDB , MySQL
- ORM/ODM:** Sequelize , Mongoose
- Version Control:** Git , SVN
- IDEs:** Eclipse ,VSCode

PERSONAL PROJECTS

Airline Management System [🔗](#)

- MVC architecture with 4 microservices and API Gateway
- Microservices:**
 - Booking Service** 🌐 : Designed and implemented Booking Service for efficient flight reservations and user-friendly booking management
 - Authentication Service** 🌐 : Created secure user authentication and authorization with Authentication Service.
 - Reminder Service** 🌐 : Automated real-time notifications with the Reminder Service using **RabbitMQ** integration and **CRON** job.
 - Flights and Search Service** 🌐 : Developed the Flights and Search Service for quick flight information retrieval.
- Leveraged **SQL** and **Sequelize** as the database and **ORM**, respectively, ensuring data integrity and efficient data management.
- Deployed on **AWS EC2** instances with **Auto-scaling**

Twitter (Backend) [🔗](#)

- Developed and maintained a **monolith** project with **CRUD** and authorization functionalities.
- Implemented **Passport.js** for user authentication and authorization system.
- Supported likes, comments, and nested comments features for posts.
- Utilized **AWS S3** functionality for image uploading and storage.
- Tested project functions using **Jest** and managed data with **MongoDB**.
- Technologies Used:** Node.js, Express.js, Passport.js,Mongoose, MongoDB, AWS (S3), Jest, Git

Chat App [🔗](#)

- Designed and built a feature-rich real-time chat application using **Node.js, Socket.io, MongoDB, Express.js**, and **EJS**.
- The application allows users to engage in instant, interactive conversations, fostering real-time communication and collaboration.
- Uses **Socket.io** for real time communication and stores user details in encrypted format.