

# AJAY KUMAR

Backend Developer with 1+ years of experience, skilled in building quality web solutions, solving problems. Seeking a dynamic role to drive tech innovation and collaborate with top professionals.

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🔗 techsecy

## EXPERIENCE

### Software Developer

Tantrija Pvt. Ltd

📅 Oct 2024 - Present

📍 Pune

- As a Backend Developer at Tantrija, I've Designed and developed RESTful APIs for Rival Gambling App, leveraging **Node.js**, **Express.js** and **MongoDB**, with a strong focus on performance and user experience.
- Developed secure login and authentication systems using **JWT**, **OAuth2**, and **bcrypt** for password encryption.
- Designed and managed databases with **MongoDb** and **MySQL**, ensuring data security, scalability, and efficient performance.
- Utilized **Git** and **GitHub** for version control, **Postman** for API testing and documentation, and followed **Agile methodologies** for project delivery.

### Backend Developer

BoxOfic Pvt. Ltd

📅 Feb 2024 - Aug 2024

📍 New Delhi

- As a Node.js Developer at BoxOfic, I bring my expertise in creating the Designed and implemented the **system architecture** to ensure scalability and performance.
- Designed and deployed system architecture on **AWS (EC2/ECS for containers)**, ensuring high availability and easy scaling.
- Wrote reusable REST endpoints with Node.js, Express.js and **Knex.js** for safe, efficient database queries.
- Optimized Knex.js queries and refactored code to cut backend response times by 50%.

### Trainee Backend Developer

BoxOfic Pvt. Ltd

📅 Nov 2023- Jan 2024

📍 New Delhi

- Actively learned and developed backend code for applications.
- Contributed to backend innovations and technical improvements in the OTT industry.

## ACHIEVEMENTS

### Deploy Kubernetes Applications on Google Cloud

- Managed and deployed containerized applications using Kubernetes on Google Cloud Platform, ensuring efficient scaling, monitoring, and load balancing for improved performance.

### Implement DevOps Workflows in Google Cloud

- Managed and deployed containerized applications using Kubernetes on GCP, optimizing scaling, monitoring, and performance.

## STRENGTHS

Flexible & Adaptable

Motivator & Leader

Productive

## TECHNICAL SKILLS

**Languages:** HTML/ CSS, Scss, JavaScript, Python, TypeScript

**Backend:** Node.js, Express.js

**Databases:** MongoDB, Mongoose, SQL, Knex.js, Redis, Memcached

**Cloud/DevOps:** Firebase, Docker, AWS, Git, GitHub, Gitlab

**Linux/Server:** Linux (Administration, Shell scripting, Bash, Networking and Troubleshooting)

**Others:** RestfulAPIs, System Design, Microservices, Jira, Zoho Projects, LaTeX

**AI:** AI(Prompt Engineering), LLMs

## PROJECTS

### Rival - Gambling App (Back-end)

**Technology Stack:** JavaScript, Node.js, Express.js, MongoDB

- Developed RESTful APIs for all essential functionalities, such as user management, challenge creation, prize pool updates, and leaderboard retrieval, enabling seamless CRUD operations.
- Implemented middleware for input validation and error handling using Express.js, enhancing API reliability and security. for users.

### Halliv - Innovative OTT Platform

**Technology Stack:** Node.js, Express.js, MongoDB, Redis

- Responsible for back-end web development, creation and management of back-end APIs, orchestration of workflow engines, and overall system architecture.
- Managing reliability, and high availability for the "Halliv" platform.

Active Listener

Embedded Systems

Statistical Analysis

Business Communication

## CERTIFICATIONS



The Complete JavaScript Course: From Zero To Hero :By Udemey



Google Data Analytics Professional Certification Specialization of 8 Courses: By Google



Responsive Web Design By Freecodecamp



Data Analytics and Visualization Job Simulation: By Accenture

## EDUCATION

### Bachelor of Computer Applications

Chandigarh University

📅 2022-Running

📍 Chandigarh

### Bachelor of Science

Allahabad State University

📅 2019-2022

📍 Allahabad

### 12th

S.R.K Inter College

📅 2019

📍 Allahabad

### 10th

Maa Tripur Sundari Public School

📅 2017

📍 Mirzapur

## LANGUAGES

English

Hindi

## SocialGrid - Social Media (Backend)

Technology Stack: JavaScript, Node.js, MongoDB, Redis, Docker

- Built a scalable backend for a social media platform using JavaScript, Node.js, MongoDB, Redis, and Docker.
- Developed RESTful APIs for user authentication, user management, post CRUD, comments, likes, and follow/unfollow features.

## NodePay Gateway - Payment Integration System

Technology Stack: JavaScript, Node.js, Razorpay

- Implemented a secure and seamless payment gateway integration using Node.js and Razorpay, enabling real-time transactions for e-commerce platforms.

## EventSphere - Event Management System

Technology Stack: JavaScript, Node.js, MongoDB

- Built an event planning system using Node.js, Express, and MongoDB, with a basic frontend for user interaction.
- Developed a dynamic user feedback system with real-time input validation to ensure accurate and valid data entry.

## HR Analytics Dashboard

Technology Stack: Excel , Python (Pandas), Power Bi

- Developed an HR analytics dashboard to analyze employee leave patterns, reducing manual tracking and reporting efforts by 50% and enhancing decision-making.

## Titanic - Machine Learning From Disaster Analysis

Technology Stack: Jupyter Notebook, Python (Pandas, Seaborn)

- Developed a predictive model for Titanic survival using historical data, involving EDA, feature engineering, and Python.