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# Naman Agrawal

## SOFTWARE ENGINEER

+91 6390475324

namanagrawal360@gmail.com

linkedin.com/in/naman-agrawal-1042251b1

github.com/rcknaman

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### About

Results-driven Backend Web Developer with 1.5+ years of experience in backend solutions. Skilled in **JavaScript**, **TypeScript**, **Node.js**, and database technologies. Strong problem-solving abilities and understanding of data structures and algorithms. Experienced in developing **APIs**, optimizing performance, and utilizing blockchain technology. Passionate about creating scalable backend architectures to enhance user experience and business value.

### Education

#### Nit kurukshetra

B.tech 8.47cgpa  
2019 - 2023

#### Senior Secondary

CBSE 83.4%  
2018

### Professional Experience

#### Antier solutions

Backend Web Developer

Jun 2023- present

- Collaborated with cross-functional teams to design and implement backend architecture for multiple projects, ensuring code quality and system performance.
- Developed numerous **RESTful** APIs and integrated them with frontend components, enhancing system interactivity and user satisfaction.
- Utilized technologies like **Node.js** and **Express.js** to build scalable web applications, achieving a **30%** improvement in response time through optimization of server-side logic.

### Skills & Competencies

- Programming Languages: JavaScript, TypeScript, C++, java
- Core Concepts: OOPS
- Backend Frameworks: Node.js, Express.js, Nest.js, Spring Boot, Hibernate, JPA, web sockets, SSE
- Frontend Technologies: jQuery, EJS
- Databases: MySQL, Redis
- Messaging Systems: Kafka, RabbitMQ
- Blockchain Technologies: Web3.js
- Containerization & DevOps: Docker, Git, gRPC
- Data Structures & Algorithms
- Soft Skills: Problem-solving, Team Collaboration, Communication

### Projects

#### Money Bridge

- Developed Tenant module integration for user feature offerings via a widget.
- Created a secure API key provision system with admin panel credentials.

#### Jet Synthesys

- Led development of a wallet service using Polygon blockchain for system integration.
- Engineered three core services: User-service, Wallet-gateway, and Polygon service for improved transaction handling and scalability.

#### Cup-chairs

- Designed and optimized APIs and **SQL** queries for managing **NFTs** and **collections**.
- Implemented **ERC-1155** NFT feature linked to YouTube videos for partial ownership.
- Developed systems to calculate daily earnings from admin YouTube **NFTs** and manage user transactions.

#### Music-bull

- Created a **scheduler** for royalty distributions among token owners with flexible admin preferences.
- Enhanced backend with complex logic for various payment intervals.

### Certifications and Awards

- **Coding Ninjas**: Data Structures and Algorithms in C++.
  - **JEE Mains 2019**: Secured top 1.2% among 1.4 million candidates.
  - **JEE Advanced 2019**: Secured top 6.5% among 0.23 million candidates.
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