

Akash Gupta

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EDUCATION

Babu Banarsi Das University

Bachelor of Computer Application

Florence Nightingale Inter College

Senior Secondary

Lucknow, Uttar Pradesh, India

Sept 2020 - Aug 2023

Lucknow, Uttar Pradesh, India

April 2019 - May 2020

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Typscript, HTML& CSS

FrameWorks and DataBases: Node.js, Nest.js, React.js, Express.js, GraphQL, PostgreSQL, MongoDB, Redis

CI/CD Tools: AWS, Kubernetes, Jenkins, Swagger, GitHub, Docker, Postman, Jest

Arcchitecture: Monolithic and Microservices

WORK EXPERIENCE

Software Developer

ZFIN TECH, Lucknow, India

May 2024 - Present

- Designed and implemented a secure authentication system with advanced role-based access and token-based security, leveraging industry-standard protocols to safeguard thousands of user accounts, reducing unauthorized access attempts by 40 %, and ensuring compliance with security best practices in backend development.
- Developed scalable RESTful APIs and optimized their performance using PostgreSQL, driving a responsive admin panel with seamless frontend integration and maintaining high system uptime during peak usage.
- Proposed and implemented improvements in CI/CD workflows and database indexing strategies, resulting in faster deployments and reduced query latency by 30%.
- Integrated payment gateways and third-party APIs with seamless automation, ensuring secure, uninterrupted transactions by implementing robust error handling, eliminating downtime incidents, and enhancing system reliability
- Streamlined backend infrastructure by designing efficient data models in PostgreSQL and reducing API response times, leading to a highly responsive user experience. Developed a robust system architecture capable of handling high traffic while ensuring minimal downtime

Associate Software Developer

Eighteen Pixels Pvt Ltd, Lucknow, India

January - May 2024

- Designed and developed RESTful APIs using Express.js and integrated GraphQL to support core platform functionality, enabling flexible and efficient data fetching while ensuring seamless communication between client-side interfaces and server-side logic.
- Enhanced backend performance by optimizing database queries and improving both REST and GraphQL API response times, achieving a 20 % reduction in data retrieval latency and delivering a smoother user experience.

Software Developer

THE Rubixcon, Lucknow, India

March 2022 - September 2023

- Developed a deep understanding of the Software Development Life Cycle (SDLC) by actively contributing to all stages, including requirement analysis, development, testing, deployment, and post-release maintenance, enabling smooth project delivery.
- Conducted and participated in code reviews to enforce best practices in code quality, modular structure, and maintainability, resulting in scalable and robust applications.
- Implemented and optimized backend operations for various application modules, ensuring seamless integration with databases and enhancing data flow efficiency

PROJECTS

- DynamicScan :** Designed and developed a scalable DynamicScan QR code and analytics platform. I implemented real-time content management and slot-based redirection for dynamic QR codes using PostgreSQL, allowing businesses to instantly update the content linked to their codes and optimize their marketing flexibility. Additionally, I designed and optimized real-time analytics with PostgreSQL to track QR code engagement, performance, and conversions, enabling businesses to make data-driven decisions for their marketing campaigns.

CERTIFICATIONS & COURSEWORK

- HCLTECH Level 1 SD PBT Program by SkillSoft
- Data Modeling and Database Design Development
- The Complete Introduction to SQL programming