

Deepak Singh

- **Email:** deepak2707.bbk@gmail.com • **Contact:** +91-9458708025 • **GitHub:** <https://github.com/dp789>
- **Portfolio:** <https://deepaksingh-portfolio.netlify.app> • **LinkedIn:** www.linkedin.com/in/dp2707

PROFESSIONAL SUMMARY

Software engineer with over 4+ years of experience specializing in full-stack development and scalable system design. Achievements include leading a project that improved user retention by 40% through redesigning the onboarding process, while also spearheading a mentorship program that increased team velocity by 90%.

SKILLS

- **Web Development:** ReactJS, Redux, MobX, Component Libraries, Real-time Data Visualization, HTML, CSS, JavaScript, TypeScript
- **Backend Technologies:** NodeJS, ExpressJS, NestJS, NodeHapi, Microservices, Message queue, Scalability, Load Balancing
- **Cloud Technologies:** AWS, Azure, Docker, Serverless, CloudFormation YAML, Infrastructure as Code, Continuous Integration, Continuous Delivery(CI/CD)
- **Databases:** MySQL, Redis, Postgres, Data Ingestion, Data Synchronization, Batch Processing, NoSQL
- **API Design:** REST API, API Gateway, API Security, OAuth, JWT, Microservices
- **Testing and Tools:** Jest, Postman, ESLint, Prettie, Git, Github, Version Control

EXPERIENCE

- **Nitor Infotech, an Ascendion company** **Pune, India**
Software Engineer *August 2023 - Present*
 - * Collaborated & Communicated with product and marketing teams to redesign the user onboarding process, improving retention and user experience by 40.
 - * Spearheaded a mentorship program for 6 junior engineers, delivering comprehensive training in data structures and algorithms, resulting in a 90% increase in team velocity and efficient solutions.
 - * Architected a centralized data analytics solution for a government research initiative, enabling 200+ published papers through enhanced data access across universities.
 - * Built scalable backend systems using Node.js and NestJS, implementing microservices architecture aligned with RESTful principles, ensuring 99.99% uptime for 500+ concurrent users.
 - * Accelerated system performance by integrating Redis queues (Bull) for background task processing, reducing CPU usage by 70% and improving reliability.
 - * Diagnosed API bottlenecks and implemented Redis caching and query optimization, reducing response times by 90%.
 - * Integrated secure payment gateways with custom transaction workflows and webhook handling, cutting fraud attempts by 60%.
- **Wednesday Solutions** **Pune, India**
Software Engineer *September 2021 - August 2023*
 - * Mentored & Collaborated development of key modules for a FinTech platform (B2B/B2C), boosting transaction speed by 40% and reducing latency by 15ms.
 - * Built resilient REST APIs using Node.js and AWS Lambda (Serverless), leveraging AWS services to ensure 99.99% uptime and high system reliability.
 - * Developed role-based dashboards in React.js, enhancing data accessibility by 60% for non-technical users.
 - * Created a product simulator to replicate real-world use cases, cutting the sales cycle by 20%.
 - * Designed an automated API testing suite with Postman and Newman, reducing test time by 85% and accelerating releases by 6x.
 - * Established CI/CD pipelines, slashing deployment time by 75% and improving production defect resolution speed.
 - * Standardized code quality via Prettier and ESLint, cutting review churn by 15% and bugs by 10%.
 - * Developed and deployed microservices within a distributed systems architecture, improving scalability and fault tolerance by 75%.
- **Tata Consultancy Services** **Bangalore, India**
Software Engineer *November 2020 - September 2021*
 - * Managed cloud-based project support by resolving 80+ infrastructure issues and collaborating across 5 teams to enhance system stability, earning recognition as the 'go-to' person for complex cloud challenges and solutions.

EDUCATION

- **Shri Ram Murti Smarak College of Engineering and Technology** **Bareilly, India**
Bachelor of Technology in Computer Science *August 2016 - May 2020*