

# Akash Tripathi

## Software Programmer

Targeting **Full Stack Software Developer** roles with an organization of high reputation with a scope of improving knowledge and further career growth.

## Contact



[imakash.contact@gmail.com](mailto:imakash.contact@gmail.com)



+91 8707560672



<https://in.linkedin.com/in/meetakash08>

## Academic Details

- **Bachelor of Technology (B.Tech.)  
Computer Engineering**  
Dr. A.P.J. Abdul Kalam Technical University,  
Lucknow, Uttar Pradesh  
CGPA: 8.15  
(PASSOUT-2020)

## Soft Skills

Analytical | Collaborator | Leader | Adaptable

## Technical Skills

- **Programming Languages:**  
HTML, CSS, JavaScript, Typescript, Python
- **Frameworks & Libraries:**  
React.js, Express, Node.js, Angular, Tailwind CSS
- **Tools & Databases:**  
JIRA, GitHub, Postgre SQL, SQL Server

## Core Competencies

Agile Methodologies

Full Stack Development

Restful API

Debugging

Database Management

Micro Service Design

Performance Optimization

Version Control

## Profile Summary

- A detail-oriented professional with **experience of nearly 3.5 years** in Full-stack Software Development.
- Experienced as a Software Programmer at ML Infomap Pvt Ltd, showcasing proficiency in **React.js and Node.js** fundamentals, leading to successful project outcomes.
- Implemented code splitting and lazy loading to reduce initial load times and improve user experience. Also utilized memorization techniques
- **Implemented asynchronous programming** using Promises, Async/Await, and event-driven architecture to handle concurrent operations efficiently.
- Optimized **database queries** using indexing, query optimization, and ORM techniques to ensure fast data retrieval.
- Implemented streaming and buffering techniques for handling large data transfers efficiently.

## Work Experience

### Software Programmer

ML Infomap Pvt. Ltd., New Delhi

March 2021

### Responsibilities:

- Designed and implemented end-to-end full stack web apps and dashboards using various technology stacks. Also utilized Kubernetes and Docker for containerization.
- Utilize advanced techniques such as code splitting, lazy loading, memorization, virtualization, and server-side rendering in React.js to enhance frontend performance.
- Design and build robust web applications using React.js and Node.js, ensuring they are scalable, maintainable, and performant.
- Implement efficient state management solutions using Context API, Redux, and Recoil to ensure seamless data flow and minimal re-renders in React.js applications.
- Develop and maintain RESTful APIs for dynamic and flexible data fetching, ensuring smooth integration with front-end components.
- Conduct code reviews, implement automated testing, and maintain CI/CD pipelines to ensure high-quality code and efficient deployment processes.

## Projects

### Tracking System for Concor India Limited.

**Tools:** React, Node, GitHub, SQL server

**Roles:** Full-Stack web application, Deployment

Using this dashboard Admin level Employee can track the location of their employee's at office time.

### NSDC (National Skill Development Corporation)

**Tools:** React, Node.js, GitHub, Postgre SQL

**Roles:** Full-Stack web application,

Developed an End-to-End GIS web application and dashboard showcasing Central government schemes nationwide.

### INDIA MARKET PLACE

**Tools:** React, Node.js, python GitHub, SQL server

**Roles:** Full-Stack web application

Architected a business web app for consumer market discovery across India.

## Personal Details

**Date of Birth:** 8<sup>th</sup> Jan 1997

**Languages Known:** English, Hindi and Sanskrit

**Address:** Hargovind Enclave, C-Block, Chhatarpur, New Delhi - 110068, India