

AKASH KUMAR

SOFTWARE ARCHITECT / TEAM LEAD

CONTACT



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Noida, India

SKILLS

Node.JS, Java Spring Boot, React.Js, NEST.JS, NEXT.JS, JENKINS, DOCKER, KUBERNETES, AWS PIPELINE, EKS, ECS, AZURE, AWS, MONGODB, POSTGRES, PM2, NGINX, CI/CD Pipeline, GITHUB, GITLAB, GIT ETC.

EDUCATION

Master Of Computer Application

Dr. A. P. J. Abdul Kalam Technical University, Lucknow

2020-2022

Bachelor Of Computer Application

Babu Banarasi Das University, Lucknow

Bachelor Of Computer Application

Babu Banarasi Das University, Lucknow

2017-2020

LANGUAGES

English

Hindi

PROFILE

Results-driven Software Architect with a proven track record in leadership roles, serving as a Tech Lead and Team Lead. Over 5 years of experience in designing and developing innovative software solutions for both international and national applications. Demonstrated expertise in spearheading diverse teams and leveraging a comprehensive skill set in various technologies. Successfully developed and designed over 5+ applications, widely available for users on both Play Store and web platforms worldwide

WORK EXPERIENCE

Lead Architect

Deepmindz innovations pvt ltd

2022 July - 2023 Nov

- Architecture and Design: Designed and implemented robust software architectures for a myriad of applications, ensuring scalability, security, and performance optimization.
- Team Leadership: Successfully led technical teams, fostering collaboration and innovation. Served as a Tech Lead and Team Lead, overseeing projects from inception to delivery.
- DevOps: Proficient in DevOps practices, with hands-on experience in designing and developing over 10+ pipelines across different technologies and stacks. Adept at streamlining workflows and optimizing development processes.
- Pipeline Development: Engineered and implemented pipelines, including the design and development of a pivotal pipeline. Consistently delivered efficient and reliable automation solutions.
- Client Interaction: Proven ability to understand and meet client requirements, facilitating effective communication between technical and non-technical stakeholders. Ensured alignment of software solutions with client expectations.

Software Development Engineer

AU Small Finance Bank

2021 Dec - 2022 June

- As an SDE, I've leveraged my expertise in Java and Spring Boot to design and implement robust backend solutions. My proficiency extends to database management, where I have successfully utilized PostgreSQL to ensure efficient data storage and retrieval. Through hands-on experience with Java, Spring Boot, and PostgreSQL, I've contributed to the development of high-performance and scalable software solutions

Freelance Experience:

2017 June - 2022 Dec

- In addition to my extensive professional background, I have successfully undertaken freelance projects that showcase my commitment to delivering high-quality software solutions independently. My freelance experience adds a distinctive dimension to my skill set, emphasizing adaptability, creativity, and self-driven initiative.

Key Contributions:

- **Innovative Project Delivery:** Conceptualized, designed, and developed bespoke software solutions for diverse clients, tailoring applications to their unique needs and specifications.
- **Global Impact:** Contributed to projects with a global reach, collaborating with clients and stakeholders from various cultural backgrounds. Demonstrated an ability to adapt to international standards and diverse user expectations.
- **Technological Versatility:** Engaged with a broad spectrum of technologies, expanding my proficiency in areas such as NodeJs, ReactJS, Java-SpringBoot, Microservices, AWS DevOps, Azure DevOps, CI/CD Pipeline Implementation, Git, GitLab, Redis, MongoDB, Postgres, MySQL , Microservices implementation, Software Design and development. Successfully integrated cutting-edge tools to enhance project efficiency.
- **Client Satisfaction:** Maintained a client-centric approach, ensuring clear communication, understanding client requirements, and delivering solutions that surpassed expectations. Secured positive feedback and recurring engagements.

Why Freelance Experience Matters:

Freelancing has empowered me to navigate diverse challenges independently, honing my problem-solving skills and fostering a proactive mindset. This experience enhances my ability to contribute to your team dynamically, ensuring adaptability and innovation in a variety of work scenarios.

Project Experience

Fortum's Payment System Integration

Duration: July 2022 - September 2022

Description:

Developed and integrated a robust payment system within Fortum's Charge & Drive India app. Implemented payment gateways, including Pinelabs, Payzapp, and Razor Pay, enhancing the app's transaction capabilities. Leveraged technologies such as Node.js, Express.js, DynamoDB, and React Native for seamless integration.

Key Contributions:

- Designed and implemented the entire payment system architecture.
- Integrated multiple payment gateways to offer diverse and secure payment options.
- Collaborated with cross-functional teams to ensure a seamless user experience in the payment process.

Results:

- Successful implementation of a comprehensive payment system within the app.
- Enhanced user satisfaction through the provision of secure and diverse payment options.

App Link: [Fortum's Charge & Drive India](#)

Prana Yoga Platform Development

Duration: July 2022 - October 2022

Description:

Led the design and development of key modules for the Prana Yoga platform. Spearheaded the creation of a robust login system, subscription system, and addressed architectural and deployment challenges. Ensured optimal performance throughout the development cycle.

Key Contributions:

- Designed and implemented a secure and user-friendly login system using Node.js and Express.
- Developed a subscription system in Kotlin, enhancing user membership management.
- Addressed architectural and deployment challenges, leveraging AWS for scalable and reliable deployment.
- Implemented performance optimization strategies, enhancing the platform's responsiveness.

Results:

- Successful implementation of crucial modules contributing to a seamless user experience.
- Resolved architectural and deployment issues, ensuring a scalable and reliable platform.
- Improved overall platform performance for enhanced responsiveness.

Supportive Supervision (UPSS) Platform

Duration: September 2022 - November 2023

Description:

As the appointed Technical Lead/Team Lead, I single-handedly designed, developed, architected, and deployed the UPSS (Supportive Supervision) platform. The comprehensive solution consists of an admin panel, a dashboard, and a user application, aiming to streamline and enhance supervisory processes.

Key Contributions:

- Architected and designed the entire UPSS platform to meet specific supervisory needs.
- Led the development team in building an intuitive admin panel for efficient system management.
- Oversaw the engineering of a user-friendly dashboard to provide key insights and analytics.
- Personally designed and implemented the user application to facilitate supportive supervision activities.

Results:

- Successfully deployed a fully integrated platform for supportive supervision activities.
- Improved supervisory processes through the user-friendly admin panel and dashboard.
- Enhanced accessibility with a purpose-built application for on-the-go supervision.

User Impact:

App Link: [UPSS - Supportive Supervision](#)

NHM Gujarat Platform Development

Duration: January 2023 - July 2023

Chatbot Development - Intelligent Conversational Agent

Duration: March 2023 - April 2023

PRI Gujarat Platform Development

Duration: March 2023 - May 2023

AI SmartBuddy Development

Duration: January 2023 - March 2023

AR-VR Development

Duration: July 2023 - August 2023

Supportive Supervision Global Whitelabel Solution (Nigeria, India, Bangladesh, Nepal, Vietnam)

Duration: July 2023 - Nov 2023

SS Integration With The Poshan Tracker (National)

Duration: Oct 2023 - Nov 2023

TrustR Platform Development

Duration: November 2023 - December 2023

Successfully worked over 20+ diverse projects, showcasing proficiency in various technologies and industries.

Technical expertise

Technology Stacks:

- **Programming Languages:**
 - Node.js, Java, JavaScript
- **Web Frameworks:**
 - Express.js, Spring Boot
- **Frontend Technologies:**
 - React.js, Angular.js
- **Cloud Platforms:**
 - **AWS (Amazon Web Services)**
 - Compute: AWS EC2
 - Storage: AWS S3, AWS Elastic
 - Database: AWS DynamoDB, AWS RDS (PostgreSQL)
 - Deployment: AWS CodeBuild, AWS CodePipeline, AWS CodeDeploy
 - Networking: AWS Route 53, Load Balancer
 - **Azure (Azure Blob Storage, Azure Server Management)**
- **Containerization and Orchestration:**
 - Docker, Kubernetes
- **Web Servers:**
 - Nginx, PM2
- **Databases:**
 - MongoDB, DynamoDB, PostgreSQL
- **DevOps and CI/CD:**
 - Jenkins, Pipeline
- **Other Tools and Technologies:**
 - AWS Elastic Beanstalk, AWS Lambda, AWS CloudFormation

Key Responsibilities:

- **Designing Software:**
 - Led the architectural design of scalable and secure software systems using Node.js, Express.js, and React.js.
- **Maintaining Software:**
 - Implemented effective maintenance strategies for applications deployed on AWS EC2 instances and managed their lifecycle.
- **Developing Software:**
 - Contributed to the development of Java-based microservices using Spring Boot and ensured seamless integration with other components.
- **Architecture Software:**
 - Played a pivotal role in defining the architecture of cloud-native applications, incorporating Docker and Kubernetes for containerization and orchestration.

Cloud Services:

- **AWS:**
 - Extensive experience with AWS services, including but not limited to EC2, S3, Elastic Beanstalk, DynamoDB, RDS, CodeBuild, CodePipeline, and Route 53.
- **Azure:**
 - Proficient in utilizing Azure Blob Storage and managing servers on the Azure platform.

SINCERELY,



AKASH KUMAR