Tinku Kumar

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Professional Summarys

Highly skilled Full Stack Developer with 3+ years of experience in designing, developing, and deploying scalable web applications. Proficient in backend microservices, frontend development, cloud infrastructure, and CI/CD pipelines. Adept at leading cross-functional teams and delivering high-quality solutions for clients across multiple industries. Experienced in Agile methodologies and performance optimization.

Skills

Programming Languages	**JavaScript, TypeScript, SQL, Python**
Libraries/Frameworks	**Nodejs, ExpressJs, Serverless, NextJS, ReactJs**
Database	**Mongodb(NoSQL), MySQL, Postgresql(SQL), DynamoDb(NoSQL)**
Cloud	**AWS, GCP, AZURE**
Methodology	**Agile (SCRUM)**
Version Control & Collaboration	**GIT, JIRA, GitHub, GITLAB, BITBUCKET**
Microservices	**Docker, Kubernetes**
Performance Testing	**Jest(unit testing)**
Data Processing and Messaging/EAI	**Apache Kafka, SQS, rabbitMQ**
Web Development	**REST APIs, GraphQL, WebSockets**

Experience

Aieze Vertex Pvt Ltd. | Software Engineer **Noida | May 2024 - Nov 2024**

- Working as a dedicated full-stack developer and team lead for a team of 5 members.
- Leading the development and enhancement of backend microservices, ensuring scalability and efficiency.
- Managing the end-to-end development process, from design to deployment, using Node.js, React.js, Docker, MongoDB, and AWS.
- Implementing CI/CD pipelines with AWS CodeDeploy and Github actions to streamline releases.
- Collaborating with cross-functional teams to meet project objectives, provide technical guidance, and mentor team members.

Akal Systems Ltd. | Software Developer **Delhi | Nov 2023 - Feb 2024**

- Work as a dedicated software developer on full stack development.
- Manage and improve code with 9+ team members.

Appsinvo Pvt. Ltd. | NodeJs Developer **Noida | Mar 2022 - Nov 2023**

- **Experienced** Full Stack Developer focused on enhancing website performance and delivering high-quality code. Successfully contributed to 7+ projects for clients across multiple countries including IN, UK, NL, US, and AUS. Skilled in technical estimation, project analysis, and proficient in Node.js, React.js, MongoDB, MySQL, OracleDB, Express.js, REST APIs, AWS, Serverless, and Nest.js.
- Developed and managed full-stack applications using Node.js and React.js.
- Integrated MongoDB, MySQL, and AWS for scalable backend solutions.
- Led end-to-end development, including backend architecture, database management, and frontend user experience.

Dotsquares Technologies Pvt. Ltd. | MERN Stack Developer **Jaipur | Oct 2021 - Mar 2022**

- Worked as a dedicated MERN Stack Developer on 2 projects in the e-commerce and sports domains.
- Collaborated with a team of 7+ members, contributing to both frontend and backend development.
- Managed database schemas, stored procedures (SPs), functions, and triggers in MySQL.

- Designed and implemented full cart management functionality, including user interactions and purchase flows on both the frontend and backend

Education:

- **2022**: B.Tech in Computer Science Engineering from ICFAI University, Jaipur (8.7/10 CGPA)
- **2018**: Class XII under C.B.S.E Board (82.40%)
- **2016**: Class X under C.B.S.E Board (9.4/10 CGPA)

Project

- **LINK (Aieze Vertex Pvt. Ltd) (5 months)**
  - **Technologies:** Node.js, Angular.js, Redux, JavaScript, Material UI, Ant Design, Docker, MongoDB, Elastic Search, Jenkins, AWS, EC2, NGINX, Docker, GitLab,Socket.IO, PostgreSQL, MongoDB, AWS, GCP, RTMP, TensorFlow, AWS AI.
  - **Role and Responsibilities:**
    - Developed a real-time **Socket.IO**-based Gmail clone with integrated chat and video conferencing features.
    - Utilized **PostgreSQL** and **MongoDB Atlas** for managing user data and chat logs.
    - Deployed CI/CD pipelines and managed full DevOps processes on **AWS** and **GCP**.
    - Configured and optimized cloud services, including **AWS RDS** for relational data and **MongoDB Atlas** for NoSQL.
    - Implemented **RMTP** protocols for live streaming to **YouTube, Facebook, X (formerly Twitter)**, and **LinkedIn**.
    - Designed a **microservices-based architecture**, covering user authentication, profile management, socket-based chat system, subscription, payment, admin panel, and live streaming management.
    - Developed a **Meeting Management System (MOM)** integrated with **AI-based transcription** using **AWS AI** and **TensorFlow models**.
    - **EAI** (Kafka)

- **Gamehunt (Appsinvo Pvt. Ltd) (6 months)**
  - **Technologies**: Node.js, Angular.js, RxJS, Javascript, Material UI, Ant Design, Docker, MongoDB, Elastic Search, Jenkins, Aws, Ec2 Server with apache2, Docker, GitLab
  - **Role and Responsibilities:**
    - The backend module for book coach, and venue for their sport from scratch.
    - I worked on the existing backend microservices to enhance their functionality.
    - CICD pipeline with AWS code deploy and bitbucket.
    - **EAI (Kafka)**

- **BookYourGift (Appsinvo Pvt. Ltd) (3+ months)**
  - **Technologies**: Nodejs, Serverless, AWS Lambda function, Mongodb, mongoose, Docker, Typescript.
  - **Role and Responsibilities:**
    - Develop full database design from scratch.
    - Manage 5 members team as Team Lead.
    - The full backend is from scratch and serverless and expressJs.
    - CI/CD pipeline.
    - Create images and containers in Docker.
    - Worked on the existing backend microservices to enhance their functionality.

- **The Bamboo Link (Appsinvo Pvt. Ltd) (45 days)**
  - **Description:** It is an e-commerce platform where B2B products are sold. One user can book a bamboo product from the platform by chatting with another person and taking reviews and ratings of that product.
  - **Technologies**: Nodejs, ExpressJs, MYSQL(with raw queries), Ec2 server, RDS.Bitbucket
  - **Role and Responsibilities:**
    - We have developed a full backend from scratch with MySQL database with raw queries and SPs.
    - Deployed on Ec2 server with Nginx and SSL(GoDaddy).
    - Hosting on AWS route 53
    - I worked on the existing backend microservices to enhance their functionality.

- **Xaphal (Appsinvo Pvt. Ltd) (12 months)**
    - **Description:** This platform is where you can register for different types of programs related to skill development, learning, ERC/
    - **Technologies**: Node.js, Bitbucket, Trello board, AWS lambda functions, MongoDB atlas, mongoose.

    - **Role and Responsibilities:**
        - Develop full backend with MongoDB database and serverless with express js.
        - Handel a five-member team and manage a Garmany-based client.
        - Worked on the existing backend microservices to enhance their functionality.