Vinayak Ojha *Software Engineer*

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Profile

Software Engineer with almost 3 years of experience specializing in backend development using Node.js and Express, with expertise in Azure and AWS cloud services. Proven ability to build scalable APIs, design cloud-native architectures, and translate business needs into robust technical features. Strong background in client interaction, analytics development, and team collaboration.

Professional Experience

Celebal Technologies, *Software Developer*   05/2023 – present
                                                                                                    Jaipur, India
- Designed and deployed scalable backend services for an LLM-based chatbot using Node.js and Express, improving response time by **30%**.
- Built real-time analytics dashboards using CosmosDB, Azure KQL, and Databricks, reducing report generation time from hours to **under 5 minutes**.
- Optimized CosmosDB, MongoDB, and MySQL queries, reducing database latency by **40%**.
- Integrated OpenAI APIs and LLaMA models, enhancing chatbot NLP performance and boosting user satisfaction scores by **25%**.
- Contributed to technical pre-sales efforts, resulting in **3 new client acquisitions** through live solution demos.

BeamX TechLabs, *Software developer*   12/2022 – 05/2023
                                                                                                    Hyderabad, India
- Developed RESTful APIs serving over **100k+ requests/day**, ensuring 99.9% uptime.
- Led the migration from JWT to Keycloak with SAML, improving authentication security and reducing login errors by **63%**.
- Configured and fine-tuned Nginx reverse proxy setups, improving load balancing efficiency by **35%**.

RiserTechub, *Jr. Software Developer*   06/2022 – 12/2022
                                                                                                    Gurgaon, India
- Created 20+ secure and scalable APIs with JWT authentication, decreasing bug reports by **50%** post-launch.
- Integrated MetaMask for crypto transactions, reducing payment failures by **40%.**

Kirloskar Brothers Limited, *Business Manager*   07/2021 – 02/2022
                                                                                                    Gurgaon, India
- Drove a **25% increase** in sales revenue by leading area development strategies across 40+ industrial clients.
- Conducted 12+ technical workshops and partner training sessions, improving partner retention by **20%**.

Groz Engineering Tools, *Sr. Sales Executive*   03/2019 – 07/2021
                                                                                                    Gurgaon, India
- Achieved ₹**80L+ annual sales**, ranking in the top 10% of the national sales team.
- Launched 5+ client seminars across NCR, resulting in a **35% growth** in qualified leads year-over-year.

Projects

Konverto.AI (Celebal Technologies)
- Architected backend services using Node.js and databases (MySQL, MongoDB, CosmosDB).
- Built real-time analytics dashboards using AWS, Azure, and Databricks.
- Integrated OpenAI services and LLM models to deliver NLP-driven chatbot capabilities.
- Actively participated in technical pre-sales and client solution demos.

IGT Chatbot (Celebal Technologies)
- Built a chatbot leveraging Azure Bot Framework and OpenAI, integrated with CosmosDB.
- Deployed and maintained features for dynamic user interaction.

LoadMiles (BeamX TechLabs)
- Solely handled backend development using Node.js and MongoDB.
- Migrated authentication from JWT to Keycloak; integrated third-party financial services using SAML.
- Project is live and used in real-time logistics finance applications.

Skills

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- **Backend Development:** Node.js, Express.js.
- **Databases:** MongoDB, CosmosDB, MySQL, DynamoDB.
- **Cloud Platforms:** Azure (DevOps, Bot Services, App Services, AD), AWS (S3, DynamoDB, App Versioning).
- **Authentication:** Keycloak, JWT, OAuth2.0.
- **CI/CD & DevOps:** Azure DevOps, Jenkins, CircleCI, Docker, Kubernetes.
- **Testing & Monitoring:** Postman, Azure Application Insights.
- **Version Control:** Git, GitHub, GitLab.
- **Agile & Soft Skills:** Scrum, Client Communication, Requirement Gathering, Team Collaboration, Problem Solving

Education

Mechanical Engineer, *Rajasthan Technical University*   08/2014 – 07/2018
Jaipur, India