Akarsh Gupta

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SUMMARY

- **Full Stack Developer and Lead Engineer** with **9.6 years** in web development, consistently achieving milestones within demanding timelines and delivering tailored products to both B2B and B2C users.

- Proficient in diverse tech stack, specializing in backend development.

EDUCATION

- B. Tech, Computer Engineering, Vishwakarma Institute of Technology.

- 12th, CBSE Board, St. Don Bosco.

- 10th CBSE Board, St. Don Bosco.

TECHNICAL SKILLS

- **Languages and Runtime:** Node.js, TypeScript, JavaScript, C#, PHP, Python.

- **Frameworks:** AWS Serverless, Express.js, Jest.js, Angular, Swagger.js, Socket.io.

- **Protocols and Standards:** HTTP/s, REST, SOAP, TLS, mTLS, Web Sockets.

- **Cloud Services:** AWS, API Gateway, S3, Cognito, Secret Manager, SES, SSM, SQS, SNS, Lambda, Step Functions.

- **Databases:** NoSQL (MongoDB), Relational Database (MySQL, PostgreSQL, SQL Server), In-memory (Redis).

- **Tools:** Docker, Git, Gitlab, Bitbucket, Jira, Confluence.

- **Methodologies:** Software Development Life Cycle (SDLC), Object-Oriented Programming (OOP), Agile.

WORK EXPERIENCE

Wavelabs Technologies   Hyderabad, India
Lead Engineer   📅 July 2022 – August 2023

- Led the development of **NEMO** **trading domain application** with a **team of 10-15 developers**, ensuring proper code structuring and optimization, security, and compatibility across various platforms.

- Enhanced **TypeScript programming standards**, according to client specifications and **increased code coverage to 85-95% through written unit tests**.

- **Technologies:** Microservices, Node.js, Express.js, Jest.js, Swagger, REST, PostgreSql, TypeORM, TypeScript, JSON, Twilio, Keycloak, TLS, mTLS, Docker, Kafka, Redis, AWS (Lambda, EC2, S3, SNS, SQS, SSM, SES, API Gateway, Step Functions), Docker, GitLab, Jira, Confluence, DSA, System Design.

Aventior Digital Pvt. Ltd.   Pune, India
Technology Lead   📅 March 2021 - July 2022

- Simplified client requirements into actionable steps for software developers by **leading a team of 15-20**.

- Spearheaded the development of **THREAD** data export and study creation modules, a game-changing **clinical research platform** utilizing a **multi-tenant architecture** and **microservices for the healthcare and life sciences industry**.

- ❖ **Technologies:** Microservices, TLS, mTLS, Node.js, Express.js, TypeScript, Jest.js, Swagger, Serverless, MySQL, JSON, Sequelize, Docker, Bitbucket, AWS (Cognito, Lambda, EC2, S3, SNS, SQS, SSM, API Gateway, Step Functions), Kafka, Redis, DSA, System Design.

ClagTech Pvt. Ltd.   *Lucknow, India*
Senior Software Developer   📅**February 2016 - January 2021**

- ❖ Analyzed **Ballebaazi.com** **Fantasy Gaming application**, identifying critical requirements, and enhancing user experience, **leading to a 25% rise** in user engagement and **15% design improvement.**

- ❖ Developed backend components for **Barrel13, the Google Chrome Extension for Amazon Products Analytics** and worked on **Taxbuddy** admin features to enhance the tax preparation module.

- ❖ Notable **E-commerce Projects:**

  - ➢ Led development and implementation of **Pacific Freedom**.

  - ➢ Successfully executed **Holisticfamilysolutions.com**, enhancing user experience and engagement.

- ❖ **Technologies:** Microservices, TLS, mTLS, AWS, Elastic Search, Zend3, OpenCart, WordPress, Prestashop, MySql, Mongoose, Mongodb, PHP, Node.js, Express.js, Angular, TypeScript, Kafka, Redis, GitLab, Jira, Confluence, DSA, System Design.

Associate Engineer (ClagTech Pvt. Ltd.)   📅**February 2014 - January 2016**

- ❖ Revamped **Mmcomics.com** by implementing a robust **E-commerce platform**, culminating in a 40% **increase in online sales and a 25% reduction in cart abandonment rate.**

- ❖ Notable E-commerce Projects:

  - ➢ Engineered **Prime Time Sports**, optimizing product sales and administration.

  - ➢ Cultivated and strengthened client relationships on **Fwlli.com** by introducing a comprehensive reporting admin dashboard, resulting in a **20% increase in customer retention**.

- ❖ Proficiently implemented **payment gateway integration** in various E-commerce platforms, **achieving 35% efficiency gains and a 25% revenue increase.**

- ❖ Enabled a highly efficient **Windows Desktop Application** utilizing C# and .NET to automate Word-to-Excel and PDF conversions, saving 15+ hours per week for the operations team.

- ❖ **Technologies:** OpenCart, WordPress, Prestashop, Cake 3, Zend 2, CodeIgniter, PHP, MySQL, CCAvenue, PayPal, Stripe, Authorize.net, Windows Applications, SQL Server 2008/2012 R2, C#, ASP.net, PHP, JSON, XML, DSA.

CERTIFICATIONS

- ❖ *Systems Expert* and *Data Structures and Algorithms* - *Algo Expert • 2023*
- ❖ *HIPAA Awareness for Business Associates* - *HIPAA Training.com • 2021*
- ❖ *ICH GOOD CLINICAL PRACTICE E6 (R2)* - *The Global Health Network • 2021*
- ❖ *NIDA Clinical Trials Network (GOOD CLINICAL PRACTICE)* - *NIDA Clinical Trials Network • 2021*