

Abhishek Kabrawala

Full-stack Developer

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SUMMARY

Experienced software developer with a strong foundation in full-stack development, cloud computing, and data-driven decision-making. Proficient in designing and deploying scalable web applications, managing databases, and developing RESTful APIs. Skilled in optimizing workflows, enhancing application performance, and mentoring team members for improved productivity.

TECHNICAL SKILLS

Programming Languages	JavaScript, Python, C, SQL, R
Software Engineering Fundamentals	Data Structures, Algorithms, Object-Oriented Programming (OOP), Design Patterns
Backend Development	Node.js, Express.js, ASP.NET, RESTful APIs, Microservices Architecture
Frontend Development	Angular.js, React.js, Next.js, HTML, CSS, Bootstrap, jQuery, JSON, AJAX
Database Management	Relational Databases (MySQL, SQL Server), NoSQL Databases (MongoDB, DynamoDB)
Cloud & Infrastructure	AWS (EC2, S3, Lambda, CloudFormation, DynamoDB, Redshift)
DevOps Tools	Git, CI/CD Pipelines
Version Control	Git, GitHub
Certifications	Node.js Microservices, Machine Learning with Python, SQL (Intermediate),
MATLAB,	JavaScript (Basic)

WORK EXPERIENCE

Transcriber - Sigma.Ai, London

April 2024 – Current

- Independently transcribe 270+ audio snippets per hour or approximately 2,160 audio snippets in an 8-hour shift, ensuring high accuracy and adherence to language guidelines.
- Transcribe audio commands of 2-5 seconds from Google and Alexa devices into English text with regional language integration.
- Worked on diverse regional language projects, including Hindi, Telugu, and Gujarati, ensuring cultural and linguistic accuracy in transcriptions.
- Consistently maintained quality standards while meeting daily quotas, delivering high-volume transcriptions for multilingual datasets.
- Enhanced the quality of language datasets by identifying and resolving transcription inconsistencies, ensuring usability for AI training models.

Web Developer – Trinity Technolabs, India

Full-Time: May 2018 – Apr 2021

- Built and deployed over 15 scalable web applications using Node.js, Python, and AWS, serving up to 10,000 concurrent users.
- Optimized data pipelines for applications by integrating MongoDB and Elasticsearch, processing up to 1 million records monthly.
- Designed and implemented 20+ RESTful APIs, enabling seamless integration with external systems and services.
- Strengthened user authentication systems, reducing security breach attempts to zero during deployment.
- Worked with a team of 8 developers to deliver high-priority client projects on time and within scope.
- Tested microservices to enhance modularity and reusability of application components.
- Migrated legacy applications to cloud infrastructure, improving scalability and reducing hosting costs by 30%.
- Conducted code reviews for team members, maintaining high code quality standards and reducing bugs by 15%.

Intern – Trinity Technolabs

November 2017 – April 2018

- Tested and debugged 10 APIs for a project, improving the overall system reliability for end-users.

- Formulated 12 responsive web forms using ASP.Net and C#, enhancing the mobile compatibility of the client's application.
- Created comprehensive project documentation for 3 software modules, enabling seamless knowledge transfer among team members.
- Assisted in the deployment of client applications, ensuring smooth transitions and minimal downtime.
- Conducted unit testing for new features, identifying and resolving 50+ issues before release.

PROJECTS

Care Home UK Dashboard

- **Technologies Used:** Next.js, Angular.js, MongoDB, Node.js
- **Description:** Designed a full-stack dashboard application to manage care home schedules, notifications, and tasks.

Cloud Defence

- **Technologies Used:** AngularJS, Node.js, MongoDB, GraphQL
- **Description:** Developed a role-based access control system for cloud defense applications with data visualizations.

Guam Licensing System

- **Technologies Used:** Node.js, MongoDB, AWS Lambda, PDFKit
- **Description:** Built a licensing management system for Guam's local government to handle license issuance and renewals.

Freelance Projects

1. Mann Corporation

- **Technologies Used:** AngularJS, Node.js, AWS
- **Description:** Developed a static website for a construction company, showcasing projects and services.

2. Aakriti Mehndi Creations

- **Technologies Used:** MongoDB, Node.js, Heroku
- **Description:** Created a website with an admin panel for content management.

EDUCATION

MSc in Data Science and Big Data Analysis

Wrexham Glyndwr University, Wrexham, Wales

2023

- Completed coursework in Machine Learning, Big Data Processing, and Data Visualization using Python and R.

Bachelor of Information Technology

Dharmsinh Desai University, Nadiad, Gujarat, India

2018

- Gained a comprehensive understanding of core IT principles, software development methodologies, and database management.

CERTIFICATIONS

- Building RESTful APIs with Node.js and Express
- Node.js Security
- MATLAB Onramp
- Node.js (Basic)
- Python(Basic)
- SQL (Intermediate)
- SQL(Basic)
- JavaScript(Basic)