Abhishek Upadhyay

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PROFESSIONAL SUMMARY

I possess extensive expertise as a web developer, boasting a remarkable track record of **2.5 years** in various essential areas, including Oops, Project Management , Team Collaboration, Testing and Debugging, Agile Development, and Client-Server Implementation. My skill set encompasses proficiency in prominent frameworks like **Angular, Node.js, Express,** and **Vue.js**. Furthermore, I have hands-on experience working with RESTful APIs and MVC frameworks.

TECHNICAL SKILLS

Backend	:	Node.js, Express
Frontend	:	Angular, Vuejs
Languages	:	Typescript, JavaScript(ES6/ES7), HTML5, CSS3
Skills	:	Docker, Payment Gateways, DB Triggers
Databases	:	MongoDB, MySql
Version Control	:	TFS, Git, Gitlab
Dev Tools	:	Vs Code, AWS, NPM, Websockets

EXPERIENCE

Software Engineer — Sep 2022 – Present
Radix Software Solutions — *Jaipur, Rajasthan*

- **Two web applications** were created and overseen, employing the **MEAN stack (MongoDB, Express, Angular, and Node.js)**, alongside various other back-end development technologies.
- Used **Database Design and Management system** to store and manage application data, and worked with Mongoose to create **schemas, models, and queries**.
- Built **server-side applications** with Express.js, utilizing routing, **Express middleware**, and HTTP request/response handling to create secure and high-performing RESTful APIs.
- Collaborated with **cross-functional** teams, including designers and stakeholders, to understand project requirements and deliver solutions aligned with business goals and user expectations.
- Deployed the applications to **AWS** using various services such as **EC2, SQS and S3**, with a focus on scalability, security, and memory optimization.

Software Engineer — Apr 2021 – Aug 2022
Pizone Infotech Solutions — *Sri ganganagar, Rajasthan, India*

- Developed responsive Front-end Development using Angular, leveraging data binding, **component-based architecture**, and reusable UI components to enhance user experience and improve code maintainability.
- Conducted unit testing and debugging of the applications, employing testing frameworks and debugging tools to identify and resolve issues, ensuring high-quality software deliverables.
- Contributed to **documentation** and knowledge sharing to help build a culture of **learning and development** within the team.
- Proactively identified performance bottlenecks and implemented optimization techniques, such as **caching and asynchronous** operations, to improve application speed and scalability.

PROJECTS

IWL Social Platform — *Node.js, Express, Typescript, AWS, Git*

- The implementation of the **Stripe Payment Gateway** has been accomplished with great success, enhancing the security of online transactions and significantly boosting the efficiency of our payment processing system.
- Leveraged the non-blocking, **event-driven architecture** of Node.js to handle concurrent connections and real-time updates, enhancing the user experience.
- Through the integration of **AWS SQS**, we have leveraged its capabilities to establish an efficient system for asynchronous messaging.

- Utilized the capabilities of **AWS S3**, we efficiently employed its robust infrastructure to securely store, organize, and seamlessly handle substantial files, including diverse media formats such as images, videos, and GIFs.
- Incorporating the power of **AWS SQS-based events**, we have successfully implemented database triggers that effortlessly send out synchronized email notifications to users in real-time. This innovative approach ensures that timely emails are delivered simultaneously, optimizing the user experience and fostering efficient communication.

NAMSA Portal (MPLS Connect)   *Angular, Typescript, TFS*

- Crafted a cutting-edge website with a fresh and minimalist design on **Angular** Single Page Applications (SPAs) using **HTML, CSS, and Typescript**
- Boosted Angular versions, delivering improved performance and enhanced capabilities for enhanced web development experiences.
- Achieved compatibility on all devices through responsive design implementation, ensuring optimal **user experience** and accessibility.
- Seamlessly deploying the application on **Azure's virtual machine** infrastructure, while utilizing the robust capabilities of IIS (Internet Information Services)

EDUCATION

10th   Sri Ganganagar, Rajasthan
Central Board of Secondary Education   *Mar 2014 – Apr 2015*

12th   Sri Ganganagar, Rajasthan
Central Board of Secondary Education   *Mar 2016 – Apr 2017*

Bachelor of Computer Applications (BCA)   Sri Ganganagar, Rajasthan
Maharaja Ganga Singh University   *June 2017 – Sep 2020*