Amit Maharjan
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Summary

Highly motivated and detail-oriented software engineer with over 4.5 years of experience in full-stack web development. Proven track record of designing, implementing, and optimizing scalable software solutions. Seeking to contribute as a Senior Software Engineer in a dynamic organization.

Experience

Lead Software Engineer   **June 2022 - July 2023**
Cedar Gate Technologies   *Kathmandu, Nepal*

- Promoted from the position of Trainee, Associate Software Engineer, and Software Engineer within 3 years
- Directed the design, development, and deployment of 2 enterprise web applications and 6 plugins, meeting stringent deadlines and quality standards
- Led a team of 8 developers, providing mentorship, technical expertise, and conducting code reviews to ensure adhering to best practices
- Collaborated with cross-functional teams to define project scope, requirements, and timelines

Software Engineer   **June 2019 - May 2022**
Cedar Gate Technologies   *Kathmandu, Nepal*

- Developed a robust security system for user authentication, utilized by 12 Cedar Gate applications, leveraging the functionality of Apereo CAS for Single Sign-On
- Improved user password storage security by implementing SHA-512 with salted hashing instead of simple MD5 algorithm for more than 200K users with 0 production bug
- Built a comprehensive user tracking system, generating monthly usage reports using Cronjobs and Amazon SQS, reducing data analysis time by 40%
- Consistently delivered client requirements with <5 bugs per sprint, demonstrating attention to detail and reliability

Software Engineering Intern   **Mar 2019 - May 2019**
Leapfrog Technology Inc.   *Kathmandu, Nepal*

- Designed and developed responsive web pages from PSD templates, ensuring cross-browser compatibility
- Built interactive web-based games, demonstrating problem-solving skills and creativity

Education

Master's in Computer Science (Software Engineering), GPA: 4.0   **Aug 2023 - May 2025**
East Tennessee State University   *Johnson City, TN*
Coursework: Software Design, Software Verification & Validation, Software Production, Software Project Management

Bachelor's in Computer Engineering, Grade: Distinction   **Nov 2014 - Oct 2018**
Tribhuvan University   *Kathmandu, Nepal*
Coursework: Data Structure & Algorithm, Computer Organization & Architecture, Database Management System, Distributed System, Data Mining, Big Data Technologies

Projects

Hotel Rating System | GitHub Link | *Spring Boot, REST API, REST Template, Feign, Microservice, MySQL, MongoDB*

- Developed a hotel rating system using a microservices-based approach with 3 independent services communicating via REST APIs and an API Gateway for unified service
- Deployed Eureka Server for dynamic service discovery and a centralized configuration server using GitHub
- Integrated an authentication microservice leveraging JWT tokens for secure access control via the API Gateway

RMIPSS System | *ASP .NET MVC, .NET Identity, SQL Server, SMTP2go, Bootstrap, Toastr.js*

- Built a web-based application for Republic of Marshall Islands Public School System to digitize IEP processes, reducing manual effort by 50%
- Integrated authentication using .NET Identity and email functionalities with SMTP2go API
- Delivered a user-friendly interface leveraging ASP.NET MVC and Bootstrap

Technical Skills

Programming Languages:	Java, Groovy, C#, C, C++
Front-End Technologies:	HTML, CSS, Bootstrap, JavaScript, jQuery, Thymeleaf, Ajax
Frameworks:	Spring Framework, Spring Boot, Spring Security, Grails, ASP.NET MVC, Hibernate
Database:	MySQL, SQL Server, MongoDB
Other Tools:	Apereo CAS, JWT, Microservices, Elasticsearch, Kibana