

# Amit Maharjan

Johnson City, TN 37604 | 423-833-4976 (Cell)

[maharjanamit8@gmail.com](mailto:maharjanamit8@gmail.com) | [linkedin.com/in/amitmaharjan](https://www.linkedin.com/in/amitmaharjan) | [github.com/Amit-Maharjan](https://github.com/Amit-Maharjan) | [maharjan-amit.com.np](http://maharjan-amit.com.np)

---

## 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
- Deployed an API Gateway for unified service communication and a Eureka Server for dynamic service discovery
- Designed a config server for centralized configuration management using GitHub

### 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, Elasticsearch, Kibana, Microservices