BIKRAM SAMSOHANG

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MEAN STACK DEVELOPER

Talented MEAN Stack Developer with over 4 years of hands-on experience contributing to all phases of software development life cycle by implementing best software engineering practices and latest technologies. Built and implement automation and manual testing strategies that increase test coverage and improve system functionality. Skilled in using technologies such as Java, Angular, HTML, JavaScript, Node.js, Karma, Git, and TestRail.

MEAN Stack Development • Frontend / Backend Design • Unit Testing • Analysis
Testing Automation • Software Development Life Cycle • Project Management

Languages: JavaScript, Java
Web: HTML, Angular, AngularJS
Frameworks: Angular, AngularJS, Express, Karma, Jasmine, Protractor, Node JS
Databases: MongoDB, Postgre SQL
Tools: Git, JIRA, Kanban, Star UML, Postman
Platforms: Windows, MacOS, Linux
Web App/Server: Nginx

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** *(Available for full-time, W-2 employment).*

UBA SOLUTIONS PVT. LTD, Lalitpur, Kathmandu, Nepal ● 2021-2022
Partner company for Monotype Imaging specializing in typography and fonts prototyping and licensing.

Software Development Engineer in Test (SDET)
Led automation and testing of complex and critical modules for enterprise applications. Implemented best software engineering practices and latest technologies.
- Managed all QA test plans, cases, and scripts.
- Built automation and manual testing strategies.
- Created and implemented manual test plans, test scripts for integrated systems, user acceptance testing, and comprehensive workflows.
- Contributed to cross-functional team to support testing, development, and DevOps-related work.
- Migrated legacy sites to Shopify.
Technologies Used: *JavaScript, Node.js, Protractor, Shopify, Karma, Git, TestRail.*

VERISK NEPAL PVT. LTD, Pulchowk, Lalitpur, Nepal ● 2019-2021
Software development and Information Technology company.

Software Engineer
Implemented frontend developing of new projects and supported existing systems.
- Collaborated with Designers, Quality Analysts, System Architects, and Software Engineers to develop applications from scratch.
- Created SPAs with AngularJS and Angular.
- Modified existing systems as required while supporting US and Indian teams.
- Refactored code of existing system to streamline readability and reusability for future development.
Technologies Used: *Angular, AngularJS, HTML, JavaScript, Python, Git, DynamoDB.*

LOGICA BEANS, Kathmandu, Nepal • **2017-2018**
Technology company focusing on financial technology for insurance, banking, and healthcare industries.

Software Engineer Trainee / Associate Software Engineer
Built reusable and readable code per industry standards while implementing frontend development.
- Minimized code redundancies by building reusable components.
- Designed SPAs with AngularJS 1.6.
- Prepared Unit test cases and e2e test cases.
- Optimized Unit testing coverage from 85% to 95%.

Technologies Used: *AngularJS, HTML, Pug, JavaScript, Karma, Jasmine, Protractor, Git.*

LEAPFROG TECHNOLOGY, Kathmandu, Nepal • **2017**
Full Stack technology company specializing in product engineering, data engineering, and AI.

Software Engineering Intern
Implemented latest technologies to design user interfaces and REST APIs for web applications.
- Designed mini games with JavaScript using ES5 and ES6 standards.
- Developed backend with Node.js for database admin UI.

Technologies Used: *HTML, CSS, JavaScript, Node.js, Git.*

ACADEMIC PROJECTS

Alumni Management Portal, MIU (2022): Developed a full stack application by implementing backend in Java and frontend in React JS. ***Technologies Used:*** *Java, Spring Boot, React JS, PostgreSQL, Git.*

MEAN Video Games, MIU (2022): Developed MEAN Stack application by implementing MongoDB, Node.js, Express, and Angular to manage video game data. ***Technologies Used:*** *Node.js, Express, Angular, MongoDB, Git.*

Library Management System, MIU (2022): Created GUI-based Java Swing application to manage book borrowing process. ***Technologies Used:*** *Java, Java Swing, JUnit.*

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion April 2025)
Maharishi International University, Fairfield, Iowa

Key Courses: Modern Web Applications, Modern Programming Practices, Fundamentals of Programming Practices, Web Applications Architecture

Bachelor of Technology in Computer Science and Engineering
Sikkim Manipal Institute of Technology, Rangpo, Sikkim

Key Courses: Data Structures, Software Engineering, OOP, DBMS, Software Engineering, Operating Systems, Computer Networks