

# Ashish Thapa

Software Developer

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## Summary

Results-driven Software Developer with a strong foundation in full-stack development, cloud computing, and data analysis. Proven ability to collaborate effectively with cross-functional teams, solve complex problems, and deliver high-quality software solutions. Eager to contribute my skills and expertise to a company that values innovation and provides opportunities for professional growth.

## Skills

**Languages & Frameworks:** JavaScript, TypeScript, Python, SQL, Node.js, NestJS, Express.js, React, Mocha, Chai.

**Databases:** MySQL, Postgres, MongoDB, Redis.

**Cloud Platforms:** AWS, Azure, Heroku.

**DevOps & Tools:** Git, Docker, Postman, Swagger, Jira, CI/CD (Bitbucket, GitLab), PowerBI, Tableau.

**Big Data/AI/Machine Learning:** Hugging Face, TensorFlow, Scikit-learn, Spark.

**Core Concepts:** OOP, Data Structures & Algorithms, Cloud Computing, AI Infrastructure & Architecture.

## Professional Experience

### **AI Software Developer (Capstone Project), Botree Inc., Ontario, Canada | Jan 2024 - Apr 2024**

- Company overview: [Botree Inc | Level-Up™ Training for Organizations](#).
- Collaborated with a client organization as part of a capstone project, dedicating ~8 hours/week.
- Designed and deployed AI-powered learning modules using React, Django, OpenAI models, LangChain, and Pinecone.
- Built an architecture based on Retrieval-Augmented Generation (RAG), improving content delivery efficiency.

### **Node JS Developer, Proshore Nepal Pvt. Ltd., Kathmandu, Nepal | May 2021 - Sept 2023**

- Company overview: [PROSHORE ready-to-code dev teams](#)
- Developed scalable B2B and B2C web applications utilizing different JavaScript frameworks.
- Managed server deployment, improved CI/CD using Bitbucket and GitLab to reduce deployment time.
- Initiated update of lambda functions of old application to latest version improving code quality and decreasing urgent issues request.
- Integrated Salesforce & HubSpot API to automate data synchronization for an e-commerce platform, reducing manual tasks 40%.
- Mentored junior developers, conducted peer reviews, and led Scrum meetings to ensure on-time project delivery.
- Built XML parsers to facilitate seamless data sharing across multiple platforms, reducing processing time.
- **Projects:** [OrderXL](#), [Surebird](#), [Tibo Energy](#)

### **Node JS Developer, Esignature Pvt. Ltd., Kathmandu, Nepal | Dec 2019 - May 2021**

- Company overview: [Website Design and Development Company in Nepal | E-Signature](#)
- Worked on full stack web development, their codebase architecture, and database design, planning and critical analysis.
- Implemented ETL to Scraped data from different e-commerce and social platforms to develop analytical web applications.
- Conducted unit and API testing with Mocha and Chai, improving test coverage by 25%.
- **Projects:** [Sdoky](#), My Social View (Insights analytical web application), Workerpros (job application management system), Naradmuni (Parliamentary bill passing application)

### **Software Trainee, Palmmind IT Consultancy, Kathmandu, Nepal | Oct 2018 - July 2019**

- Company overview: [Palmmind - Palm Mind Technology](#)
- Built web applications using MEAN stack under guidance of project leads.
- Developed chatbots for Banking and Commercial sectors using Dialogflow.
- Assisted in debugging and troubleshooting issues related to HTML, CSS, JavaScript, and Loopback frameworks.
- **Projects:** Chatbots and CMS

**Education**

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**Georgian College / Ontario, Canada**

- Graduate Certificate in Big Data Analytics (*Expected Apr 2025*)
- Graduate Certificate in Artificial Intelligence: Architecture, Design, and Implementation (*Dean’s List, Sep 2023 - Apr 2024*)

**Major Projects:** Automated Learning tools, Crime Data Analytics

**Kantipur Engineering College / Lalitpur, Nepal**

- Bachelor of computer engineering (*Sep 2014 - Oct 2018*)

**Major Projects:** Waste management system

**Awards & Certifications**

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- AWS Academy Data Engineering | **Issued by AWS** in October 2024
- AWS Academy Machine Learning Foundations | **Issued by AWS** in April 2024
- AWS Academy Cloud Foundations | **Issued by AWS** in March 2024
- SAS Programming 1: Essentials | **Issued by SAS** in Sept. 2023