

SUMAN HUMAGAIN - Senior Software Developer

Full-stack software developer with 7 years of experience building scalable, high-performance applications. Strong hands-on expertise in Node.js, React, PostgreSQL, Redis, and building AI agents. Skilled in developing backend services, UIs, CI/CD pipelines, container-based environments, and cloud-native deployments.

Work Experience

Software Developer/ Data Analyst – Cambrian College, Sudbury, ON (2024 – Present)

- Developed web-based and applied research solutions using **React, Node.js**, and **Python, Grafana**.
- Built real-time monitoring and data-driven applications, integrating analytics and dashboards.
- Worked with AI-driven matchmaking, Inventory Management, and automation workflows.
- Built and deployed a WhatsApp AI Agent using modern API and messaging technologies.
- Integrated CI/CD, testing workflows, and optimized development pipelines.

Software Developer– Cotiviti Nepal Pvt. Ltd. Nepal - US Based (2 Years)

- Developed scalable systems using React, Node.js, **PostgreSQL**, and modern microservices.
- Implemented containerized development environments using Docker to streamline onboarding.
- Enhanced internal tooling and libraries for safer and more productive workflows.

Software Developer – Synergy Info Systems Pvt. Ltd., Nepal (4) Years)

- Built enterprise applications using ReactJS, Angular 7+, Node.js, ASP.NET Core, SQL Server.
- Implemented CI/CD pipelines, automated deployment scripts, and environment setup.
- Delivered large-scale products such as Account Payables Software (PN3) and EMarketplace.

Educational Background

- **Cybersecurity – Cambrian College, Sudbury, ON (2025)**
- **Mobile Application Development – Cambrian College, Sudbury, ON (2024)**
- **Bachelor of Computer Science and Information Technology – Tribhuvan University, Nepal (2017)**

Contact

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Technical Skills

- **Backend programming:** Node.js (Express.js, Nest.js), REST APIs, Microservices, Python, C#, c++,
- **Frontend:** React.js, Next.js, Angular
- **Databases:** PostgreSQL, Redis, SQL Server, MongoDB, SQLite, Supabase, pinecone.
- **Data & Analytics:** SQL, **Python** (Pandas, NumPy), ETL, Data Modeling
- **AI/ML:** Integrating LLM.
- **Cloud & DevOps:** Docker, Kubernetes, Azure, AWS, CI/CD, Linux
- **Visualization:** Grafana, Power BI, R
- **Tools:** Git, Postman, JIRA, Entity Framework, GitHub Actions, n8n

References

Cheick Maiga

Manager – Research & Development, Cambrian College
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Additional Information

Status: Post Graduate work permit