

# Akash Balyan

Software Engineer | Full Stack Web Developer

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## Professional Experience

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### Full Stack Web Developer

Jun 2024 – Mar 2025

#### UnitasPro

**Technologies:** JavaScript, ReactJs, NodeJs, ExpressJs, MongoDB, MySQL, AWS, Tailwind, REST API, GitLab CI/CD, Jest, Mocha

- Built scalable, responsive frontend interfaces for an ecommerce platform and a healthcare analytics dashboard.
- Developed and integrated REST APIs for order management, patient data visualization, and user authentication.
- Collaborated with cross-functional teams to deploy full-stack applications using GitLab CI/CD pipelines and Git workflows, enhancing deployment reliability and reducing release time.
- Implemented unit and integration tests using Jest and Mocha to ensure reliable and high-quality code.

### Full Stack Web Developer

Jun 2020 – May 2022

#### BigStep Technologies

**Technologies:** JavaScript, ReactJs, AngularJs, NodeJs, ExpressJs, Tailwind, MongoDB, MySQL, REST APIs, Bitbucket CI/CD

- Developed user-friendly interfaces and frontend components for a financial investment and banking application.
- Created and maintained backend services by designing APIs to support seamless data exchange.
- Streamlined database operations and deployment processes to ensure application stability.
- Conducted regular testing to ensure high-quality code, reducing bugs and improving application performance.

### Software Developer Intern

Jun 2019 – May 2020

#### Novoinvent Software

**Technologies:** Java, Spring Boot, HTML, CSS, SQL, DB2, Selenium, Git, SVN, TestNG, Informatica PowerCenter Tool

- Built and maintained key features of a hospital management app for both frontend and backend.
- Managed health insurance portal backend, processing EDI 834/837 with HIPAA compliance.
- Automated testing processes for healthcare apps, reducing manual efforts and improving efficiency.

## Education

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### Douglas College (New Westminster, BC, Canada)

May 2022 – May 2024

Post-Baccalaureate in Computing and Information Systems

### Chitkara University (Chandigarh, India)

July 2016 – July 2020

Bachelor of Engineering, Computer Science

## Technical Skills

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**Languages:** Java, JavaScript, Typescript, Python, PHP, C#, C, C++

**Frontend:** React, Angular, HTML5, CSS, Tailwind CSS

**Backend:** Node.js, Express.js, Spring Boot, PHP, .NET, SQL, MongoDB, RESTful APIs

**Methodologies:** Agile, Scrum

**Others:** Android Studio, Postman, VSCode, Git, SVN, Bitbucket, GitLab CI/CD, AWS (EC2, ECS, EKS and S3), Google Cloud Platform, Jira

## Projects and Certification

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### Health and Gym Web Application (*Freelance Project*)

[Website](#)

- Developed a web application for Harley Pasternak, a US celebrity fitness trainer, to expand his community.

### US Visa Appointment Finder (Personal Project)

[Github](#)

- Built a tool to automate finding US Visa interview slots and sending email notifications for available dates.

### TrailSocial (*Project during Post-Baccalaureate*)

[Github](#)

- Developed a web app for hikers to discover trails, share experiences, and trade hiking gear.

**GitLab CI/CD** (*Certification from Udemy*) – Skilled in automating build, test, and deployment pipelines.

**Data Structures and Algorithm** (*Certification from Coding Ninjas*) – Ranked first and volunteered as peer mentor.