

Akash Balyan

Software Engineer | Full Stack Web Developer

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Education

Douglas College (New Westminster, BC, Canada).

May 2022 – May 2024

Post-Baccalaureate Diploma in Computing and Information Systems

Chitkara University (Chandigarh, India).

July 2016 – July 2020

Bachelor of Engineering in Computer Science

Professional Experience

Full Stack Web Developer

June 2020 – May 2022

BigStep Technologies, Gurugram, India

Technologies: JavaScript, HTML, CSS, Tailwind, MySQL, ReactJs, AngularJs, NodeJs, ExpressJs, REST APIs, MongoDB, SQL, Bitbucket, Microsoft Azure, Jest, Mocha

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

Software Developer Intern

June 2019 – May 2020

Novoinvent Software, Noida, India

Technologies: Java, Spring Boot, PHP, HTML, CSS, MySQL, DB2, Selenium Webdriver, GitHub, SVN, TestNG, Informatica PowerCenter Tool

- Built and maintained key features for a hospital management application, contributing to both frontend and backend development.
- Supported the development and maintenance of a state health insurance portal, managing backend operations and ensuring data accuracy.
- Automated testing processes for healthcare applications, significantly reducing manual testing efforts and improving efficiency.
- Worked on optimizing data pipelines, ETL operations and ensuring smooth integration between systems.

Technical Skills

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

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

Backend: Node.js, Express.js, Spring Boot, PHP, .NET, SQL, MongoDB, DB2

Others: Android Studio, Postman, VSCode, Git, SVN, Bitbucket, AWS, Microsoft Azure, Google Cloud Platform, Jira

Projects and Certification

Health and Gym Web Application (*Freelance Project*)

<https://www.harleypasternak.com>

- Developed a web application for Harley Pasternak, a US-based celebrity personal fitness trainer to help grow his community and promote his new gym chain across the US.

US Visa Appointment Finder (*Personal Project*)

<https://github.com/akashbalyan/USVisaAppointment>

- Built an automation tool to streamline the process of finding US Visa interview dates, which logs into the US Visa portal, checks for available slots, and sends an email notification when a suitable date is found.

TrailSocial (*Project during Post-Baccalaureate*)

<https://github.com/akashbalyan/TrailSocial>

- Developed a web application for the hiking community to discover trails, share experiences, engage with others, and buy/sell hiking gear through a marketplace feature.

AWS Developer Associate (*Certification from Udemy*) – Experienced in deploying apps and using AWS services.

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