

# Akshay Panchal

Montreal | +1 (819) 919-7659 | [akshay.panchalhp@gmail.com](mailto:akshay.panchalhp@gmail.com) | [GitHub](#) | [LinkedIn](#)

## SKILLS

- Experience working in a fast-paced environment as a part of the technology services team to provide service to clients by possessing an in-depth understanding of Design, Architect, Develop, Code review & test key applications.
- Firm knowledge of software development life cycle, application management, master data management, software support and maintenance.
- Superlative problem-solving skills with solid Experience in troubleshooting, diagnosis, and fixing software issues in production environments.
- Excellent ability to understand end to end application flow quickly thereby reducing turnaround time for root cause analysis for software issues.
- Highly skilled in development, maintenance and configuration of software systems through code development or resolving other technical challenges.
- Excellent teamwork skills including but not limited to working with development squads on enhancement, support and technical documentation of applications.
- Identification of manual activities in the application development or support processes and taking initiatives to automate such processes.
- Detail oriented mindset with impeccable communication within teams and with consumers, providing a professional customer experience even under pressure.
- Distinguish priority tasks and distinct classification of issues to help make thoughtful decisions thus limit/prevent application outage.

## TECHNICAL SKILLS

- **Languages and Frameworks:** C#, Java, Spring Boot, SQL, RESTful APIs, PostgreSQL, Python, Tailwind CSS, PHP, Laravel, HTML5, CSS3
- **Technologies:** Oracle, MVC, Jira, MS SQL Server, SSIS, WebApi, AWS, Jira
- **Methodology:** Agile, Scrum, Waterfall
- **Version Control:** GitHub, Git, Jenkins
- **Operating System:** Unix/Linux, Windows

## WORK EXPERIENCE

**Full Stack Developer:** Binary Web Solutions Pvt.Ltd, Mumbai

Dec 20-Aug 21

- CI/CD pipeline configuration for automated building and development.
- Requirement gathering, Design and building of Crossword web portal with extensive focus on test-driven object-oriented development.
- Development and Maintenance of Binary products/websites for internal and customer use.
- Worked with cross-functional teams to ensure application requirements were met and delivered on time.
- Collaboration with agile squads for meeting release deadlines and addressing conflicts.

**Associate Analyst (IPSOS Team):** Ugam Solutions Pvt.Ltd, Mumbai

July 19-Nov 20

- Correlated with the team of 11 individuals for breakdown of POS defects from 60 to 40 percent.
- Monitor, analyze and resolve production issues within Enterprise Data Warehouse (EDW) platform build for financial data mastering.
- Performing test case preparation, unit testing, integration, and defect fixing.
- Completed requirements to develop custom frontend scripts other than the standard Look and Feel using CSS and HTML for four projects on which I worked as a Lead Analyst and managed the entire project life-cycle.
- Implemented APIs for handling logical survey conditions for statistical computations in the Qualtrics platform to obtain JSON data from a client-side host server.
- Continuously looking to bring up new process improvement ideas to enhance deliverables and refine the experience.

**Web Developer (internship):** A FORTUNE 500 COMPANY, Bharat Petroleum Corporation Limited Jun 18-Aug 18

- Deployed SQL jobs for SSIS packages on the production server and provided excel reporting for data verification.

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## EDUCATION

**Master of Computer Science:** Bishop's University, Sherbrooke, QC

Sep 21-Dec 23

- Courses: Advanced Database Management System, Advanced Information Management System

**Bachelor of Computer Engineering:**

K.J. Somaiya Institute of Engineering and I.T., Mumbai, India

Aug 15-May 19

- Courses: Computer Networks, Structured Object-Oriented Analysis and Design, Software Engineering
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## ACADEMIC PROJECTS

**Employee Management:** Master Project

Sept 22-Dec 22

Bishop's University, Sherbrooke, QC

- Created an Employee Management Single-page Application with Create, Read, Update and Delete functionality using Spring Boot for API, MySQL for Database, React for Frontend, and Tailwind CSS.
- Implemented RESTful web services to enable communication between front-end and back-end systems.

**Medical Imaging:** Master Project

Sep 22-Dec 22

Bishop's University, Sherbrooke, QC

- Worked with university neurologists to identify key business problems and designed a full stack neuroimaging application that inputs nifti MRI scans and produces a Thickness map of Cortex.
- Saved 100s of hours by making data collection efficient by automating scrapping data to prepare an efficient machine learning database.
- Worked on libraries like nibabel, scikit-learn and SciPy to Develop object-oriented algorithms and Analytical intelligence tools.

**CatchUp:** Undergraduate Project

Sept 19-Dec 19

K.J. Somaiya Institute of Engineering and I.T., Mumbai, India

- Developed Web-App using JavaScript, HTML, CSS, and Firebase and integrated Google Map API and used logic to connect people with similar interests in a particular area by using Agile methodology
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## CERTIFICATIONS

- **AWS** - Cloud Practitioner Essentials [click here.](#) April 22
  - **Coursera** - Machine learning from Stanford University [click here.](#) March 21
  - **Published a paper on** [Lung cancer detection using Deep learning](#) under the 2nd International Conference on Advances in Science & Technology (ICAST) 2019 on the 8th, and 9th of April 2019.
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## VOLUNTEER EXPERIENCE

- **Health check-up camp and water project** - Lahs Pratishthan Jan 20-Feb 20
  - **Distribution of Face Mask** - Lahs Pratishthan August 20
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REFERENCES AVAILABLE UPON REQUEST