

# Austin Joyal

Email: [anaustinbeing@gmail.com](mailto:anaustinbeing@gmail.com)  
LinkedIn: <https://www.linkedin.com/in/austin-joyal/>  
GitHub: <https://github.com/anaustinbeing>  
Stack Overflow: <https://stackoverflow.com/users/8472377/austin>  
Phone: 647-512-4238

---

Experienced Software Developer with a proven track record in Python is skilled in analyzing and communicating ideas, and has demonstrated proficiency to work under pressure and adapt readily to changes.

## SUMMARY OF QUALIFICATIONS

- Graduated with High Honours in Artificial Intelligence from Centennial College with an impressive **CGPA of 4.3 out of 4.5**.
- Four years of work experience as a Software Developer with an exposure to AI.
- Bachelor's Degree in Computer Science and Engineering.

## SKILLS

- Highly skilled in Python (**480<sup>th</sup> awardee of the Python Gold Badge** in Stack Overflow – 25k+ reputation influencing 980k+ developers) and Java with experience in Oracle SQL, Elasticsearch, and MongoDB.
- Expert in using Python packages: pandas, numpy, tensorflow, keras, and nltk.
- Familiarity with HTML, CSS, XML, JavaScript, version control systems like Jira, Bitbucket, and Git, and environments like Windows and UNIX/LINUX.
- Skilled in deploying services to the cloud using Terraform (infrastructure as code).
- Demonstrated proficiency in Backend Development, including RESTful APIs.
- Comfortable with computer skills including proficiency in Microsoft Word, Excel, PowerPoint, etc.

## WORK EXPERIENCE

### Peer Tutor

September 2022 – April 2023

Centennial College, Toronto, Ontario, Canada

- Engaged with students of various backgrounds through cooperative learning.
- Helped in creating an environment to better understand the course content.
- Stressed to clarify the doubts raised during the tutoring sessions.
- Provided students with extra practice with new or difficult concepts.

### AI Software Developer

October 2021– August 2022

Matte Software, Inc., Toronto, Ontario, Canada

- Improved customer retention by 10% for clients by introducing a recommendation **engine** using a machine learning technique called collaborative filtering.
- Eased system integration and testing by developing several **RESTful APIs** using Python's microservice frameworks like **Flask**, **FastAPI**, and **Starlette**.
- Reduced the infrastructure costs by deploying services to the cloud (AWS, Azure and Google Cloud) through **Terraform**. (Amazon RDS for PostgreSQL instance, AWS Lambda for Function as a Service; Azure Application Gateway, Bastion, and Virtual Machine)
- Worked extensively in SQL, Elasticsearch, and PostgreSQL.
- Gained startup work experience that required more responsibility.

# Austin Joyal

Email: [anaustinbeing@gmail.com](mailto:anaustinbeing@gmail.com)  
LinkedIn: <https://www.linkedin.com/in/austin-joyal/>  
GitHub: <https://github.com/anaustinbeing>  
Stack Overflow: <https://stackoverflow.com/users/8472377/austin>  
Phone: 647-512-4238

---

## Software Engineer

July 2018 – August 2021

SunTec Business Solutions, Trivandrum, India

- Played a **key role** in delivering enhancements for projects like RBC, HSBC, Nordea, and Mashreq.
- **Refactored about 15% of the existing code base** with focus on handling vulnerabilities.
- Collaborated with the team and product stakeholders **demonstrating strong communication and interpersonal skills**.
- Participated daily in the spec processes for new features and epics on the roadmap.
- Established strong working relationships with individuals inside and outside of Engineering, and have a clear understanding of the workflows.
- Tackled minor bugs and features while performing root-cause analysis for bugs independently.

## EDUCATION

### Software Engineering Technology – Artificial Intelligence FT

September 2021 – April 2023

Centennial College, Toronto, Ontario, Canada

**CGPA: 4.3/4.5, Graduation Date: April 2023**

- Graduated with an impressive Cumulative GPA of 4.3 out of 4.5.
- Peer tutored previous semester students of various backgrounds through cooperative learning; helping them excel in their courses.

Relevant courses:

Java Programming	Networking for Software Developers
Introduction to AI	Supervised Learning
Data Structures and Algorithms	Unsupervised & Reinforcement Learning,
Software Design	Neural Networks
Web Application Development	Deep Learning
Advanced Database Concepts	Natural Language Processing

Notable Academic Projects:

- A predictive software that would give an idea about the likelihood of bicycle theft and the recovery in Toronto (uses **supervised learning techniques**).
- Spam comment identification from YouTube (**Naive Bayes algorithm**).
- Blog recommendation (**Natural Language Processing**).

### Bachelor's Degree in Computer Science and Engineering

August 2014 – May 2018

Rajagiri School of Engineering and Technology, Kochi, India

- Attended a special course outside the curriculum on Object-Oriented Python Programming.
- Developed Object Recognition and Emergent News Event Detection (projects) using Python.
- Member of the Computer Society of India (CSI) during 2016-17.