

# Anubhav Apurva

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**NOTE: I am on Graduate (PSW) Visa until January 2026.**

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## PROFESSIONAL SUMMARY

Software developer for 5 years, with specialization in the development of large-scale software products while adhering to agile development methodologies. I am a collaborative team player with the ability to lead modules independently. I am enterprising and have a track record of producing innovative solutions, proof-of-concepts (PoCs), and papers. My strengths lie in my ability to understand customer requirements, translate them into high-level designs, and produce high-quality applications that not only fulfil the needs of users but also contribute to a positive user experience.

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## EDUCATION

2022-2023	<b>University of Southampton, Southampton, U.K.</b> <b>Master of Science (MSc) - Computer Science</b>
2021-2022	<b>International Institute of Information Technology (IIIT), Bangalore, India</b> <b>Post Graduate Diploma - Cloud Computing</b>
2014-2018	<b>Manipal institute of Technology, Manipal, India</b> <b>Bachelor of Technology (B. Tech) - Computer and Communication Engineering</b>

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## WORK EXPERIENCE

Oct 2023 - current	<b>Software Developer</b> <b>Amadeus IT Group (London, UK)</b> <ul style="list-style-type: none"><li>- Developing a rule engine for the airline industry (customers include Etihad, Air Canada) based on micro-service-based streaming architecture. This engine processes real-time events in the airline domain, such as tickets, PNRs, and inventories, and executes automated actions based on configurable business rules.</li><li>- <b>Language/Technologies: Java, Spring, Kafka, RabbitMQ, MongoDB, Drools, Docker, OpenShift (Kubernetes), Jaeger, Splunk.</b></li></ul>
2018 – 2022	<b>Software Engineer II</b> <b>Hewlett Packard Enterprise (HPC &amp; AI lab, Bangalore)</b> <ul style="list-style-type: none"><li>• <b>NonStop Servers and SQL/MX Database (3 years)</b><ul style="list-style-type: none"><li>- Implemented features - DUAL table, NEXT_DAY(), TO_NUMBER(), INSTR()</li><li>- Made enhancements in cardinality estimates and join enumeration algorithms.</li><li>- Developed infrastructure for storing LOB datatypes.</li><li>- Resolved one major and one critical escalation.</li><li>- <b>Language: C++</b></li></ul></li><li>• <b>Database as a Service (1 year)</b><ul style="list-style-type: none"><li>- Led the design and implementation of control plane to provision and manage SQL/MX databases through REST APIs.</li><li>- Features include deployment and deletion of database, adding and removing users, configuring storage, changing user's privilege levels, and starting and suspending of data sources.</li><li>- <b>Languages: Python, Django, shell script.</b></li></ul></li></ul>

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## INTERNSHIP

June - Sep 2023

**Software Developer**  
**Lifeprint.fit** (Southampton, UK)

At Lifeprint.fit, an early-stage startup, I was building the backend of positive coaching web-platform from the ground up. My main tasks included developing REST APIs, with MongoDB for data storage and Apache Kafka for stream processing.  
**Languages/Technologies: Java, Spring Boot, MongoDB, Apache Kafka, Docker, Landbot.**

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## PUBLICATIONS AND PATENT APPLICATION

Jul 2020

**Relevance Feedback Based Citation Recommendation for Scholarly Publications**  
IEEE proceedings of International Conference on Electronics, Computing and Communication Technologies 2020.  
Authors: Anubhav Apurva, Aditya S. Verma, Dr. Tribikram Pradhan.

Apr 2019

**Method for Classifying Log Files** (Patent Application)  
US20200349112A1, IN201941017235  
Authors: Anubhav Apurva, Nallasamy Jayasankar

Sep 2017

**Aiding the visually impaired: Developing an efficient braille printer**  
IEEE proceedings of Advances in Computing, Communications and Informatics 2017.  
Authors: Anubhav Apurva, Anupam Misra, Palash Thakur.

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## VOLUNTEERING

Nov 2022 - Sep 2023

**Sustainability Representative**  
Southampton University Student Union, Southampton, UK

Jan 2015 - Dec 2017

**General Secretary**  
Robotics Society, Manipal University, India

Jan 2015 - Jan 2017

**Lead of School Contact Programme**  
Akshay Urja (Renewable Energy Sources) Society, Manipal University, India

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## CERTIFICATIONS

Aug 2019

**Machine Learning**  
Stanford Online

Jun 2016

**Cloud Fundamentals**  
Microsoft Technology Associate

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## AWARDS AND RECOGNITION

Aug 2020

HPE Early Career Technologist

Jun 2018

Winner - HPE Intern Project Fair