



# Udish Kumar

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## EDUCATION

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|---|---|
| <b>University of Southern California, Los Angeles</b><br><i>Master of Science(M.S.) in Computer Science</i>               | January 2023 - December 2024<br><i>Current GPA: 3.5/4.0</i> |
| <b>Punjab Technical University, India</b><br><i>Bachelor of Technology(B.Tech.) in Computer Science &amp; Engineering</i> | August 2012 - July 2016<br><i>GPA: 3.6/4.0</i>              |

## EXPERIENCE

**NTT Data** | *Lead Software Engineer* November 2021 – December 2022  
**Spearheaded a 14-member team** in developing an Operational Data Store (ODS), **enhancing internal data flow and usage across key departments by 50%**. Led the migration of the company's career page web service from MuleSoft to Python, **resulting in a 70% performance boost**, and redesigned key internal mailer utilities. Efforts were recognized with the Kokua award for exceptional punctuality and accountability.

**PricewaterhouseCoopers LLP(PwC)** | *Senior Software Engineer* April 2021 – October 2021  
**Enhanced team productivity by 60%** through leadership and technical development of **Java based interfaces & APIs**. Conducted interviews and technical evaluations for over 100+ candidates in firm for recruitment.

**Software AG** | *Lead Software Engineer* December 2018 – March 2021  
Maintained and optimized critical **Java based APIs** for a major insurance client, significantly **improved technical issue resolution SLA by 50%**, and received awards for innovation and punctuality.

**Cognizant** | *Associate Software Engineer* October 2016 – November 2018  
Engaged in all SDLC phases, effectively managed defects within tight deadlines, and created comprehensive documentation for various testing and deployment stages.

## PROJECTS

**FindMyProduct! Android App** | *Android X, Android Studio, Kotlin, Modified Java* November 2023

- Developed and launched a **Kotlin-based Android app** on Google Play Store, featuring eBay API integration for dynamic product searches, geolocation services, and a user-friendly RecyclerView interface.
- Implemented a **robust wishlist system** using Preferences Manager for data persistence and crafted an intuitive user experience with MongoDB and Facebook integration for social sharing. **Google Playstore hyperlink is available on my website.**

**FindMyProduct! Website** | *HTML, CSS, Angular, Typescript, MongoDB, Bootstrap, Facebook SDK* October 2023

- Developed a **dynamic web application** using Angular, Bootstrap, MongoDB, and Node.js, featuring real-time eBay API integration for product searching, coupled with responsive design and social sharing functionalities.
- Implemented **advanced features** like AJAX-based interactive search interface, MongoDB-driven wishlist management, and Facebook integration for product detail sharing and user engagement. **Website hyperlink is available on my website.**

**Dynamic eBay Search Interface** | *HTML, CSS, VanillaJS, JSON, Python, Flask, AJAX* September 2023

- Developed a dynamic web application with Python Flask and AJAX, integrating eBay's Finding API for real-time, filterable product searches.
- Crafted a user interface using HTML, CSS, and JavaScript, with efficient JSON-based data handling for displaying search results. **Portal hyperlink is available on my website.**

## SKILLS

**Languages:** Python, Java, Kotlin, HTML, CSS, Vanilla JavaScript, TypeScript, AJAX, SQL, Matplotlib, Scikit-learn, Pandas, NumPy, jQuery

**Tools:** Git, AWS Code Commit, Bitbucket, PyCharm, Visual Studio Code, Android Studio Hedgehog, JIRA, Confluence, Service Now, Trello, Swift Kanban, FileZilla, WinSCP, SOAP-UI, Apache JMeter, Dynatrace, Postman, Slack, Splunk, WordPress, Pretty Html, Winston Logger, Jinja2, Angular, Node.JS, Flask, FastAPI, Facebook SDK