

# Udish Kumar

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## EDUCATION

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

## EXPERIENCE

<b>NTT Data</b>   <i>Lead Software Engineer</i> <b>Spearheaded a 14-member team</b> in developing an Operational Data Store (ODS), <b>enhancing internal data flow and usage across key departments by 50%</b> . Led the migration of the company's career page web service from MuleSoft to Python, <b>resulting in a 70% performance boost</b> , and redesigned key internal mailer utilities. Efforts were recognized with the Kokua award for exceptional punctuality and accountability.	November 2021 – December 2022
<b>PricewaterhouseCoopers LLP(PwC)</b>   <i>Senior Software Engineer</i> <b>Enhanced team productivity by 60%</b> through leadership and technical development of <b>Java based interfaces &amp; APIs</b> . Conducted interviews and technical evaluations for over <b>100+</b> candidates in firm for recruitment.	April 2021 – October 2021
<b>Software AG</b>   <i>Lead Software Engineer</i> Maintained and optimized critical <b>Java based APIs</b> for a major insurance client, significantly <b>improved technical issue resolution SLA by 50%</b> , and received awards for innovation and punctuality.	December 2018 – March 2021
<b>Cognizant</b>   <i>Associate Software Engineer</i> Engaged in all SDLC phases, effectively managed defects within tight deadlines, and created comprehensive documentation for various testing and deployment stages.	October 2016 – November 2018

## PROJECTS

<b>FindMyProduct! Android App</b>   <i>Android X, Android Studio, Kotlin, Modified Java</i> <ul style="list-style-type: none"><li>Developed and launched a <b>Kotlin-based Android app</b> on Google Play Store, featuring eBay API integration for dynamic product searches, geolocation services, and a user-friendly RecyclerView interface.</li><li>Implemented a <b>robust wishlist system</b> using Preferences Manager for data persistence and crafted an intuitive user experience with MongoDB and Facebook integration for social sharing. <b>Google Playstore hyperlink is available on my website.</b></li></ul>	November 2023
<b>FindMyProduct! Website</b>   <i>HTML, CSS, Angular, Typescript, MongoDB, Bootstrap, Facebook SDK</i> <ul style="list-style-type: none"><li>Developed a <b>dynamic web application</b> using Angular, Bootstrap, MongoDB, and Node.js, featuring real-time eBay API integration for product searching, coupled with responsive design and social sharing functionalities.</li><li>Implemented <b>advanced features</b> like AJAX-based interactive search interface, MongoDB-driven wishlist management, and Facebook integration for product detail sharing and user engagement. <b>Website hyperlink is available on my website.</b></li></ul>	October 2023
<b>Dynamic eBay Search Interface</b>   <i>HTML, CSS, VanillaJS, JSON, Python, Flask, AJAX</i> <ul style="list-style-type: none"><li>Developed a dynamic web application with Python Flask and AJAX, integrating eBay's Finding API for real-time, filterable product searches.</li><li>Crafted a user interface using HTML, CSS, and JavaScript, with efficient JSON-based data handling for displaying search results. <b>Portal hyperlink is available on my website.</b></li></ul>	September 2023

## SKILLS

**Languages:** C++, Python, Java, Kotlin, HTML, CSS, Vanilla JavaScript, TypeScript, AJAX, SQL, Standard Template Library(STL) Matplotlib, Scikit-learn, Pandas, NumPy, PyTorch, Qt GUI Framework, jQuery  
**Tools:** Git, AWS Code Commit, Bitbucket, Linux/Unix, 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, PySpark, Apache Spark, SparkSQL, Tableau