PALLAK SRIVASTAVA

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PROFESSIONAL EXPERIENCE

Goldman Sachs, Bengaluru, India   **Jul 2020 – Present**
Associate
- Working actively on the in-house Constraint Manager application used for managing over 60k portfolios comprising of fixed income securities.
- Collaborating with portfolio managers/traders to understand the requirements and transforming them into impactful features through iterative problem-solving and feedback.
- Led the project roadmap and delivered a specific constraint scaling feature which has helped portfolio managers effectively manage and optimize accounts valued at around $40 billion.
- Performed profiling, analysis, and optimization of large microservices and improved their performance by 67%.

Analyst Intern   **Jan 2020 – Jun 2020**
- Built an analytics dashboard for visualization of all metrics to give users a close view of the whole portfolio.
- Designed and implemented an Elastic Search Persister using Java APIs which stores historical data of portfolio and risk metrics which gives the users a time-series visualization of the metrics.

EDUCATION

Indian Institute of Information Technology, Allahabad, India   **Aug 2016 - June 2020**
Graduated with a Bachelor of Technology in Information Technology with *First Class*   **(CGPA 8.32/10)**

ACADEMIC PROJECTS AND PAPERS

Evaluation of Product Reviews using Deep Learning Classifier Models | SciKit-learn, Keras, TensorFlow, GloVe, and Tf-Idf
- Performed sentiment analysis on Amazon customer product reviews using SVM, LSTM and CNN models, achieving 92.3% accuracy with CNN model surpassing other models.
- Authored and presented a paper on the same in the 13th IEEE International Conference on Computing Communication and Networking Technologies (ICCCNT) in October 2022.

Software Product Management Specialisation Capstone - University of Alberta
- Completed the project as a part of the Software Product Management Specialization issued by the University of Alberta.
- Collaborated with developers to build an ed tech app for iPads to promote literacy and reading habits in kids.
- Developed a comprehensive product roadmap, analyzed user stories, prioritized features based on user feedback and technical feasibility, and tracked the process till final delivery of the product.

iDocToc Video Calling Portal | React, Node JS, Chime SDK, MongoDB
- Formed an online video calling portal with React and MongoDB to connect doctors and patients easily during Covid-19.
- Led cross-functional team to gather requirements through market research and consultation with doctors, resulting in the successful development of the application.

Healthcare Reminder Android Application | Android Studio, SQLite Db, Java
- Designed an android app using Android Studio that allows users to set reminders for medication, exercise, and lab tests.
- Employed the Agile SDLC model, analyzed the user requirements and designed wireframes considering its ease of use.

SKILLS

- **Programming languages**: C, C++, Java, and Scala | **Framework and Libraries:** Angular, RxJava, RxJS, Junit, and Jasmine.
- **Databases:** MongoDb, ElasticSearch, GemFire and SingleStoreDB.

COURSES AND CERTIFICATIONS

- Introduction to Software Product Management (Jun 2021), Software Processes and Agile Practices (Jul 2021), Client Needs and Software Requirements (Sept 2022) - offered by University of Alberta from Coursera.
- Agile Planning for Software Products, Reviews and Metrics for Software Improvements – offered by University of Alberta, Coursera, Aug 2023.
- Foundations for User Experience (UX) Design by Google, Sept 2022.

EXTRACURRICULAR ACTIVITIES

- Participated in Community TeamWorks program to help in cleaning and painting of the premises of a government school (2023); worked for Analyst Impact Fund for NGO initiative and funding - organized by Goldman Sachs (2021-2022).
- Organized dance events of Dance Club of IIIT-Allahabad (2019) and won multiple inter-college dance competitions.
- Elected as the Head Student Member of the Gender Equality Awareness Committee of IIIT-Allahabad for 2018, during which organized workshops and seminars to raise awareness on gender equality and women empowerment.
- Taught Math and English to underprivileged children under Prayaas NGO by IIIT-Allahabad students, 2016-2018.