Anu Bansal

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AnuBansal-Portfolio || AnuBansal-LinkedIn || AnuBansal-Github

EDUCATION

UIET, PANJAB UNIVERSITY
B.E. in Information Technology
July 2016- May 2020 | Chandigarh
CGPA - 8.64/10.00

TECHNICAL SKILLS

UNDERGRAD COURSEWORK
• Advanced Design and Analysis of Algorithms
• Data Structures and Algorithms
• Operating Systems
• Database Systems and SQL
• Network Security

ONLINE COURSEWORK
• Spring Framework - Udemy Certified
• AI For Everyone - Coursera Certified
• Intro to tensorflow - Coursera Certified
• Blockchain Essentials - IBM Certified

PROGRAMMING LANGUAGES
• C++
• Java
• C
• Python (Beginner)
• Golang (Beginner)

TOOLS AND TECHNIQUES
• Eclipse • Maven • Multi-threading
• Github • Bitbucket • Linux
• REST API • Postman • Agile • SDLC
• Spring • Hibernate • JIRA • Jenkins
• SQL Workbench

ACHIEVEMENTS

• Scored 200th rank out of 1500 teams at Codechef CP Competetion for women
• Got selected for Aniket Singh Internship Scholarship'19 at IIT-Gandhinagar, out of 10,000 applicants applied for the same
• Winner of Creatour competition in E-summit'17 at Panjab University

POSITION OF RESPONSIBILITY

• DSA Mentor at Uplift Project'20 by Girlscript Foundation
• Python Mentor at SummerOfCode'18 by 1 million women to tech
• OC Member at Software Freedom Day'17 by Panjab University

EXPERIENCE

FINXERA | Software Development Engineer
July 2020 - Present | Chandigarh
Jan 2020 – June 2020 || Software Development Intern
• Java • Maven • Eclipse • Hibernate • RabbitMQ • Jenkins • JIRA
• Worked on a job performance optimization task and achieved 3 times faster processing results (from 237 records/sec to 772 records/sec). For this, made several optimizations like Hibernate batch updations, minimising loops usage
• Developed an Eclipse plugin application to improve Production Sized Code Coverage by 85perc which works on finding the APIs for extreme callers of the untested methods to enable testing of those methods in QACI

UIET, PANJAB UNIVERSITY | NLP Research Assistant
Mar 2019 – Sept 2019 | Chandigarh
• Python • NLP Word Embeddings
• Researched on different keyword extraction techniques while working on an NLP based project associated with King Abdulaziz Univ. Jeddah, Saudi Arabia

NITTTR, CHANDIGARH | Blockchain Developer
Aug 2018 - Mar 2019 | Chandigarh
• Hyperledger Fabric • Golang • IPFS (Distributed Online File System)
• Developed an Enterprise Blockchain based solution for Institution's start-up initiative in a team of 4
• Worked on providing Blockchain backend to a web application by using Hyperledger Fabric and Golang to implement its logical capabilities and IPFS to support online Distributed File System capabilities in the project

PROJECTS

PRO CODECOV - ONE STEP SOLUTION FOR IMPROVING THE PRODUCTION SIZED CODE COVERAGE | Industrial Project
Mar 2020 – April 2020 | Chandigarh
• Developed an Eclipse plugin application from scratch which helped QA to improve the Production Sized Code Coverage by 85perc
• It works on finding the annotations for extreme callers of the untested methods to hit those methods through API if it exists or else marks them as deprecated. Also, created JIRA tickets with all the extracted results

DECENTRALIZED AND SECURED BLOCKCHAIN BASED EXAMINATION MANAGEMENT SYSTEM | College Project
Jul 2019 – Dec 2019 | Chandigarh
• Developed a Web Application where any entity which is a part of network can send, receive and store the question papers securely
• Used a combination of Blockchain and IPFS to achieve decentralization and secure peer-to-peer communication between teacher and superintendent and to ensure utmost security, encryption of question papers was also done
• Completed the project in a team of 5 classmates

LEUKOCORIC EYE PREDICTION MODEL |ML Kaggle Competition
Mar 2019 | Chandigarh
• Achieved 90 perc. test set accuracy by developing a prediction model using Convolutional Neural Networks and training it on a dataset consisting of 685 Non-Leukocoric Eye and 200 Leukocoric Eye images