

VAISHNAVI CHENICHERI

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PROFILE

Experienced Software Engineer with 6 years of experience delivering innovative solutions for leading tech firms. Skilled in Python, Java, Docker, and REST, with a focus on integrated data protection and backup solutions. Adept at collaborating with cross-functional teams to develop security measures and functionalities. Proven ability to thrive in fast-paced environments and drive project success through strong technical acumen and proactive communication. Eager to leverage expertise in a new professional challenge.

EMPLOYMENT HISTORY

Sept 2022 – Present	Software Engineer at Dell Technologies	Bengaluru
	Working in the security domain of an Integrated Appliance for backup and recovery and holding good knowledge of the domain. Roles: Software Developer and Security Champion Project: Data Manager Appliance DM5500 The Data Manager Appliance model DM5500 is built on Dell PowerEdge server and is suitable for small and medium enterprises. It is an integrated solution that offers industry-leading deduplication, data protection solutions, and multi cloud capabilities. This Appliance provides a unified user experience and automates discovery and protection of databases, VMs, file systems and Docker containers. Technologies: Java, Spring, Docker, Keycloak, REST, Python, Pytest, Cypress Project: Integrated Data Protection Appliance Working in the security domain of an Integrated Appliance for backup and recovery and holding good knowledge of the domain. Integrated Appliance combines complete backup, replication, recovery and VMWare integration into single integrated solution. Technologies: Java, Spring, Docker, Keycloak, REST, Python, Pytest, Cypress	
Oct 2018 – Aug 2020	Associate Consultant at Capgemini	Bengaluru
	Design and development of Enovia applications. Worked on creating UI pages for various Business Objects. Coordinated with the onshore BAs in case of any clarifications. Have good debugging skills and successfully resolved critical defects in the application. Role: Software Developer Project: GTCC Power (Client - GE Oil, Power) Technologies: Java, Enovia 2018x, TCL, Spinner Project: : MyWorkshop Upgrade(Client - GE Healthcare) Technologies: Java, Enovia 2019x, TCL, Spinner	
Jan 2014 – Jan 2016	Senior Software Engineer at Capgemini	Bengaluru
	Design and development of Enovia 2013x application. Project: GE Wind (Client - GE Wind) Technologies: Java, Enovia 2013x, TCL, Spinner	

ROLES AND RESPONSIBILITIES

- Collaborate with internal teams, architects, product managers and client side representative to fix and improve product functionalities.
 - Proactively identify possible threats, security gaps and vulnerabilities that might be unknown by performing security scans on appliances.
 - Develop and enhance product by developing clean and efficient code.
 - Creating technical documents for functionality development and security.
 - Identifying areas for modification in existing programs and subsequently develop these modifications.
 - Assigning tasks to junior developers such as coding, testing, debugging, and analytics.
 - Perform functional testing, write test cases and execute using Pytest and Cypress.
 - Prepared and presented Product Readiness Reports for all releases, facilitating informed decision-making and ensuring timely delivery.
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SKILLS

Technologies	Python, Java, C, JSP, HTML, SQL, JavaScript
Secondary Skills	Pytest, Cypress, Sklearn, Pandas, Numpy, Matplotlib, Docker, Apache Maven, Jira, Git, Eclipse, IntelliJ, VRT, Rally, C++, Postman, MSOffice
Data Science	Machine Learning, Deep Learning, NLP, Computer Vision, Meta Learning, TensorFlow, Keras, Open CV, SciKit Learn, RLanguage

EDUCATION

Aug 2018 – Jul 2020	Master of Technology, Amrita Viswa Vidyapeetham Computer Science and Engineering Machine Learning 92.5%
Jun 2013 – Dec 2013	Diploma in Java Technologies, NIIT
Aug 2009 – Apr 2013	Bachelor of Technology, Government College of Engineering, Kannur CE Kannur University - 69% with First class

PROJECTS

Sep 2021 – Jan 2022	Emotion Recognition From Online Classroom Videos Using Siamese Neural Network Implemented a metric-based Meta-learning model to recognize the emotions of students by analyzing the online classroom videos. The model is CNN Network followed by Siamese Neural Network. System is trained for CAFE database images and tested for images from online classroom videos.
Feb 2022 – Jun 2022	Emotion Recognition at Real-Time Applications using Prototypical Neural Network Explored an approach for emotion classification using smaller number of samples. A feature embedding network architecture(VGG16) followed by a Prototypical network is there to find the nearest neighbour. The system is trained for CMU Multi-pie database images and tested for images from videos. Used Haar Cascade Frontal Face algorithm to detect the face and Open CV to extract frames from the videos.

INTERNSHIP

Jul 2021 - Jul 2022	Graduate Intern, Dell Technologies
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CERTIFICATIONS & AWARDS

- Oracle Certified Professional, JAVA SE6 Programmer
 - SE1 Certification from Capgemini India Pvt Ltd
 - Programming for Everybody (Getting Started with Python) by University of Michigan Python
 - Programming Foundations with Javascript ,HTML, CSS by Duke University
 - Scrum Inc.'s Registered Scrum Master, ID#RSM-3647108
 - Scrum Inc.'s Registered Product Owner, ID#RPO-5852834
 - Data Analysis with Python -authorized by IBM and offered through Coursera
 - Machine Learning with Python -authorized by IBM and offered through Coursera
 - Game Changer Award - Dell
 - Appreciation Awards- Dell
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PUBLICATIONS

- **Emotion Recognition at Real-Time Applications using Meta-Learning**
2022 IEEE 3rd Global Conference for Advancement in Technology (GCAT)
 - **Emotion Recognition From Online Classroom Videos Using Meta Learning**
2022 International Conference on Advancements in Smart, Secure and Intelligent Computing (ASSIC)
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PERSONAL DATA

Nationality	: Indian
Marital Status	: Married
Languages Known	: English, Hindi, Malayalam,Tamil
