Shivang Agarwal

@ shivangagarwal11.sa@gmail.com   📞 +91 9415341629   Github   LinkedIn

Education

M.Tech (Computer Science)
8.53 CGPA | *Upto 1st Semester*   📅 Aug 2023 - Aug 2025   🎓 WILP-BITS Pilani

B.Tech (Computer Science and Engineering)
8.76 CGPA   📅 Aug 2019 - May 2023   🎓 SRMCEM, Lucknow

Intermediate (ISC board)
96.5% | *PCM & CS*   📅 2019   🎓 City Montessori School, Lucknow

Work Experience

Scholar at SAP
📅 August 2023 - Present
- Enrolled in the **WILP Master's program at BITS Pilani.**
- In SAP's first Practical phase, contributed as a developer in a team to tackle inventory management challenges using JIT (Just in Time) principles.
- Actively engaged in team activities and represented the team at a LOB hackathon.
- Developed and delivered a customer-tailored application post successful of **POC** which was based on **UI5 and ABAP.**

Internship at Nagarro
📅 March 2023 - July 2023
- Worked as a DevOps Trainee at Nagarro.
- Gained hands-on experience in pipeline development and deployment strategies using the platform of AWS.
- Created pipelines using skills and framworks that include Jenkins, Ansible, Terraform, Artifactory, Docker, Kuburnetes.

Amazon ML Summer School 2022
📅 June 2022 - July 2022
- Selected in Amazon ML Summer School 2022.
- Attended various lectures on Machine Learning topics delivered by Applied Scientists at Amazon.
- Modules: Supervised Learning, Deep Neural Networks, Dimensionality Reduction, Unsupervised Learning, Sequential Learning, Reinforcement Learning.

Projects

FareCalc   TechStack: Python, Django, HTML/CSS, Pandas, Numpy, scikit-learn
- Predict the fare of a flight on the basis of location ,time, date, number of stops and flight type.
- Learned about machine learning ,data science and data visualization.
- Source-code: Github | Deployed URL: Deployed Link

MailAutomate   TechStack: Python, Django, Pandas, Numpy, Smtp, Request
- Solved a problem where user can send custom emails attached with different files to multiple users within few minutes.
- Learned about problem solving skills, handling requests, and communication through smtp module.
- Source-code: Github

MyCard   TechStack:React.Js, Node.Js
- Developed the front-end and this project was developed as the final year project.
- MyCard stores comprehensive individual profiles, encompassing education, personal details, finances, employment and medical history.
- Source-code: Github | Deployed URL: Deployed Link

Technical Skills

- **LANGUAGES:** Java, Python, Javascript, SQL, ABAP
- **FRAMEWORKS:** React.js, Node.js,Django, UI5
- **DATABASES:** MongoDB, MySQL
- **TOOLS:** Excel, Linux, Git, Postman, Heroku, Docker, Jenkins
- **ML LIBRARIES:** Tensorflow, scikit-learn, NumPy, Pandas, Seaborn, Matplotlib, nltk

Achievements

- **Scholarship:**
  - AI Programming with Python Nanodegree by AWS and Udacity
- **Selections:**
  - Amazon ML Summer School 2022.
  - In Top 100 winner in AWS DeepRacer India, qualifying for Semi-final.
- **Competitions:**
  - Ranked 906th out of 8235 in JOB-A-THON by Analytics Vidhya.
  - Ranked 5th in Konst April 2021 by SRMCEM, Lucknow.
- **Events:**
  - Secured 2nd position in Gantavya 2019 Autonomous Bot event by SRMCEM.
  - Ranked 5th in Konst April 2021 by SRMCEM, Lucknow.

Public Profiles

- **Leetcode:** Shivang11
- **Codechef:** shivang_1105
- **Kaggle:** shivang11agarwal

Certification

Foundations:Data,Data, Everywhere
- Authorized by Google and certified through Coursera.

📅 Sep 2021 - Present   📍 Remote

STEM Connect Virtual Experience Program
- Organised by Delloite through Forage Platform.

📅 Sep 2021   📍 Remote

Introduction to Structured Query Language (SQL)
- Certified through Coursera.

📅 Jan 2022 - Present   📍 Remote

Generative AI at SAP
- Authorized and certified by SAP.

📅 Dec 2023 - Present   📍 Remote