## **Placement Portfolio**

**Before You Start**

* Please ensure you complete all 4 sections before submitting your portfolio
* Please provide the relevant information to help us assess your portfolio. The table’s content will not be marked but you must complete this detail before you submit.
* The student assessment guidance is at the [bottom of this document](#_Student_assessment_guidance). You can use this to support you with each question in your portfolio. We’d also recommend seeing our detailed guidance on Blackboard.

**Section 1: Personal and opportunity details**

**Name: Vinay chakry jogini**

**Username: vcj3**

**Department: Advance computer science**

**Undergraduate/Postgraduate (Please confirm): postgraduate**

**Name of organization/institution: CGmines**

**Role title (if applicable): full stack developer**

**Section 2: Reflective Summary: Strengths,**

**Motivations and Development**

1. Briefly outline the key elements of your placement. What was your role? What were your main duties

and responsibilities? (250 words)

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| As part of this role, I was placed into a focused Developer team that helps in the development of CGmines Products and their Android and iOS App as a Full Stack Developer Intern. My responsibilities included developing a Web application for both UI - front end and backend, Working with the development team closely to understand the new feature design and requirements for developing, I had to write source code end – to end application development, I should be able to debug and troubleshoot live site operational issues on priority, I should be willing to learn new and adapt to new technologies and I need to have the ability to handle, new requirements, design, develop and deploy applications independently. I was developing front-end website architecture.  I was designing user interactions on web pages. I developing back-end website applications. I created servers and databases for functionality. I was part of the team ensuring cross-platform optimization for mobile phones and Ensuring responsiveness of applications. I was working alongside graphic designers for web design features.  Seeing through a project from Ideation to finished product. Designing and developing APIs.Meeting both technical and consumer needs. Staying updated of developments in web applications and programming languages |

1. What did you enjoy most about the experience and

why? (250 words)

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| I’m a very collaborative person. I believe in the idea that when groups of people get together and try to solve problems, magic happens. I loved that our team was very collaborative. And I look forward to either encouraging or having collaboration with more team members in the future. Our team was very data-driven at [X company]. I loved that because it gave our team some sense of accountability. I’m a proponent of accountability and responsibility. It feels good to me. I look forward to one day having an increased level of responsibility. I loved the fact that my previous manager was willing to listen to us. And think about ways that we can better the company through our ideas. Sure, not every idea was something we worked on. Rightfully so, we don’t want to sidetrack the company from the annual goals. But the ideas we executed were ones that followed the tenants of our leadership team. That was a fantastic experience. I loved how I was challenged every day in my last position. While I wasn’t solving the world's problems, I was allowed to step outside of my comfort zone and take on new business challenges. I was very appreciative of the fact that I was able to interact with our customers. Even having the opportunity to see customer support emails was enough for me. I’m a people person; I love thinking about how our customers are real people with real problems. That was fulfilling for me. |

1. What did you find most challenging during your experience and why? How did you overcome this challenge? (300 words)

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| As a college freshman, one of my biggest challenges was keeping up with the volume of work compared to what I was used to in college. When I noticed myself feeling overwhelmed, I worked on my organization and time management skills. I also reached out for help from my professors, joined study groups, and worked on creating a structured schedule which helped me focus on the tasks at hand. Everything I learned from this is what I hope to carry into this role with your company."  In my most recent role, a former co-worker left her job unexpectedly. During this time, she was the team leader on an important new project. When she left, my manager asked me to take it over. While I had never performed her job duties in the past, I had previous leadership experience. Using my leadership and problem-solving skills, I pushed the project forward, encouraged the rest of the team, and completed her responsibilities as well as mine. We were able to complete this project successfully and on deadline."  “During my summer internship at a public relations firm, a client suddenly wanted to change an entire campaign strategy two days before launch. The client was unhappy with my team’s first draft, so we were tasked with redoing the entire plan. We organized a late-night brainstorm that evening. After hours of work, I asked to take the lead on putting together a new deck. This was challenging because it was my first time putting a deck together and also our one chance to make the client happy again. I overcame this challenge by looking at previously successful presentations for the client, analysing the feedback they gave on our initial presentation, and incorporating all of the team’s ideas into the new deck. The client was ultimately thrilled with the fresh plan, and all of the new ideas we included!” |

1. What has your experience taught you about your strengths and development areas? *This might include technical skills, subject knowledge and transferable*

*skills gained in your degree*. (300 words)

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| "My internship as a full stack developer for CG Mines has been the most rewarding and motivational experience I have had during my time as a student at the University of Leicester. I connected with my colleagues, managers, and other different clients, all of whom supported my growth as a full stack developer, both directly and indirectly.  With such empathetic, compassionate and supportive mentors, this experience has helped me achieve my goal of completing my inter-program at the University of Leicester. Because of the lessons I learned not only from my supervisor and cooperating teacher but from my students, too, I am confident that I will continue to grow and develop professionally and in my personal endeavours. Within my internship, there were two distinct learning experiences that stand out to me as the most influential aspects of my development this semester: community involvement with student achievement and classroom management.  Throughout my internship experience, I was able to develop and foster a truly positive and compassionate learning environment for my colleagues, all through the support and mentorship of my cooperating teacher. Through the application of time management, organization, discipline, and consistent practice, my technical management skills improved greatly.  There is a drastic change in my technical skills I have learned how to handle the data in different circumstances. Understand the data from system level to network well like how the data is collected, manipulated in real-time. I have learned a lot of tools, languages which are mentioned in my cv.  I am confident in my students' progress and my own growth and development. I would not have the knowledge or skills I have today if it were not for my internship experience with my colleagues and managers, and I look forward to where my career in education takes me in the future." |

**Section 3: Personal Development Plan**

**SUGGESTED ACTIONS:**

* Book a career coaching appointment with the Career Development Service
* Researchcareer options related to the experience you have gained
* Research alternative career options
* Search and start applying for opportunities
* Gain some additional experience to address the development areas identified

1. What is your goal for when you have finished your current degree? *E.g. do you want to work or study? Which sector would you like to work in, or what subject would you like to study?* (100 words)

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| I want to work in an information technology company. After the graduate degree, I want to test my skills with real-world problems. I’m interested in full-stack development and Artificial intelligence fields. Right now I’m good at full-stack development in both JavaScript and python. Now AI concepts are used in all the fields so I trying the combination of machine concepts with full-stack development to solve the real-time problem. My temporary goal is to develop an application that makes the web development process automated. My long time goal is to become an AI specialist with at most respect in the IT field. |

1. **How will you ensure you achieve your goals? (***Use this section to identify the specific actions and individual steps you will take between now and graduation to help you achieve your goal, and set yourself a timeframe for each. Some suggested actions are listed at the top of this page)* (300 words)

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| The Short-term goal is Before completing my desecration I want to build a strong social profile such as LinkedIn, personal portfolio, git hub, etc. Actions for the social profile are building my own project with different features and adding them to the git hub. Attend as many technical seminars for further knowledge and hackathons for a better coder. Improve problem-solving by solving general queries posted in the stack overflow, quora, etc.  The intermediate goals Get a job opportunity in a time of three to four months. Actions for a job opportunity dropping my cv in different portals such as linked job suggestions, so many, etc. Attending the interview, improved my interpersonal skills and technical skills.  I want to explore my skills with real problems by working in different companies and acquiring knowledge for four to five years. After getting the knowledge I want to Ph.D. on my own topic. The topic is related to how a human feels anger, happiness, etc. to make machines understand those feelings. The requires a massive knowledge of electromagnetic waves, magnetic disks, and Artificial intelligence algorithms. Coming to the coding part I need to understand a lot of things because I intended to work at an unknown top so I has to be good at coding.  Long term goal is to own build my company with morals and values which to lead human happiness and prosperity to the world. I don’t have the exact knowledge to start the company and also invest in it. So real intentions are clear and regarding the idea of the company is based on the real-time situations, maybe in the process of find solutions to the Ph.D. topic I may innovate new thing to the world from the I can find my own business and new motive and happiness to my life. |

**EDUCATIONAL QUALIFICATION**

**Section 4: Updated CV**

Please paste your updated and modified CV on the **next page** to preserve formatting.

Mater of Science Advance Computer Science, University of Leicester Jan 2020 - May 2022

Coursework: Advance web technology, Mobile and Web Application, Semantic Web, Internet and Cloud Computing, Service Oriented Architecture.

B.Tech. Computer Science, 70%, Jawaharlal Nehru Technological University Aug 2015 - May 2019

Coursework: Data Structures, Object Oriented Programming, Database Management Systems, Web Technologies, Operating Systems, Computer Network, Design and Analysis of Algorithm, Artificial Intelligence, Machine Learning.

**TECHNICAL SKILLS**

Languages: C, Java, Python, HTML/CSS, JavaScript, React.js, Dart, SQL, JQuery, Web Ontology, Hadoop.

Frameworks: Bootstrap, Express.js, Flutter, Flask, Django.

Tools, Databases, Cloud, and OS: Android Studio, MySQL, Visual Studio, NetBeans, Eclipse, MySQL, AWS, Microsoft Azure, Intellij MongoDB, Firebase, Jupyter Notebook, Spyder, GitHub, Windows, macOS, Linux, Git, Docker.

**PROFESSIONAL EXPERIENCE**

Full-stack developer, intern February 2021 - 2022

* Optimized the code and tested/develop the code of deployed code.
* I played a critical role in the Product Development Team, designing and developing the product.

Web developer, intern April 2019 – August 2019

* Developing components of a company websites and logo designing.
* In this period I helped to develop a bio-metric attendant register for employees and company introduction website.

Junior web developer, intern January 2019 – April 2019

* As a junior web developer I am under training to under how data is handled from frontend to backend.
* My role is to develop a simple function which handles data retrieval or data entry in the database.

**ACADEMIC PROJECTS**

Collaborative white board - JavaScript, recact.js, express, node.js, Redis, http, socket.io, Docker, Aws.

* Designed and developed a user-friendly common collaborative white board website for a university professor, react is used for frontend and node is used for backend.
* Express, http, socket frameworks are used to handle the real time data of collative board, developing and handing real-time date is an individual task.
* Deploying the application in private cloud is a team job. Docker is used for sharing code and easy to deploy the code into private cloud.

E-Survey Shangri-La online survey – RESTful application- JavaScript, react, mongo dB, express, cors.

* Admin interface- Admin can create, update, delete questions and also get response answer from the users.
* User interface- user can register and login then answer the questions posted by admin.

Covid vaccination Test – RESTful application - dart, flutter, firebase.

* There are 2 vaccines A and B so, doctors want to know which one is better vaccine for the world, the doctors expecting the results of the vaccine A and vaccine B to compare.
* User interface- user has register and login then scan the QR-code of the vaccine A or vaccine B and enter symptoms.
* For doctors get list of results of vaccine A and vaccine B to compare.

**CRECTIFICATTIONS**

* Certification on AI (artificial intelligence)/ML (machine learning) organized by Code Beat and Bits Pilani in Association with Amazon Web Services.
* Certification on Data Science using Python organized by Swecha.

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| **POSITION OF RESPONSIBILITY** |  |  |
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| • Worked as National Service Scheme Coordinator for 2 years and organized events like Rural Educational Awareness Program. | 2016 - 2018 |

* Represented a class of 60 members for 3 years. 2016 - 2019
* Leader a team of 5 members as part of an event “Anveshana” organized by Synopsys and Agastya

## **Student assessment guidance for the On Placement Module to graduate ‘with industry’.**

**The learning outcomes for the On Placement module are:**

1. Compose a Professional Development Plan considering your strengths, development areas and motivations for your next step.
2. Apply the theoretical and practical aspects of the material studied at the University and demonstrate the personal and professional skills necessary for your role within the organisation.
3. Modify your CV to include the skills and experience you have gained through your significant experience gained in the past 12 months.

**Placement Portfolio**

**What is the Placement Portfolio?**

The Placement Portfolio captures the experience that you completed in your year in industry/industrial placement and allows you to demonstrate that you have developed the skills that employers want most from a student.

**Word Count?**

1500 words. We will not accept reports that are 10% below or above this word count.

**What style should I write in?**

As this is a professional portfolio of your experience, it should be written in a concise, clear style using the structure of the document and the evidence captured in the module tasks. It must be of a high level of English, and thoroughly proof read.

You must pass every section of the Placement Portfolio to pass the module.

**The structure of the Placement Portfolio**

1. **Opportunity details**

This should include:

* The experience you completed
* The name of the organisation you were employed by
* The job title that you had

1. **Reflective Summary (1100 words)**

This should include:

* Reflecting on your experience: Strengths, motivations and development
* Your role and the responsibilities you were given
* What you found to be the most enjoyable parts of your placement
* The areas you found most challenging, and how you overcame them
* What you gained, from the experience, your strengths and areas for development

1. **Personal Development Plan (400 words)**

This should include:

* What you have learnt about yourself throughout your experience e.g. do you want to pursue a career in the same sector?
* A SMART (Specific, Measurable, Attainable, Realistic and Time-bound) action Plan

1. **Updated CV (2 pages)**

This should include:

* The experience you have completed detailing new skills
* 2 pages (size 11, normal margins)

**Assessment and feedback:**

**To be completed by staff**

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| 1: Opportunity Details | COMPLETED YES/NO |
| 2: Reflective Summary | PASS/FAIL  Feedback: |
| 3: Personal Development Plan | PASS/FAIL  Feedback: |
| 4. Updated CV | PASS/FAIL  Feedback: |
| Overall mark | PASS/FAIL  Overall Feedback: |