Ankita Manubhai Patel

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Professional Summary:

Looking for a challenging Software Developer position where I can use my strong educational knowledge and become an expert to add value to the firm. Gained experience with academic projects and internship year as Software Developer helped to gain experience in Web Design, Web Development, Database Development and Design. Proficiency in a range of Computing systems, languages, and associated tools. Conceptualizing web app solutions with the latest technology, design theory, and a large dose of creativity, problem-solving skills, and outstanding impersonal skills with the ability to work independently as well as in a team environment.

Experience Summary:

1. A strong understanding of, and experience using, object-oriented languages and frameworks. (Python, C#, PHP)
2. Good understanding and practical experience in all stages of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) and Software Development Methodologies like Agile, & Waterfall Model.
3. Understanding of good UI design with an awareness of Google's design principles and the Material Design Guidelines.
4. Responsible for the design, build, deployment, debug & maintenance of web applications.
5. Collaborated with cross-functional teams and defined, designed, and shipped new features.
6. Fixed bugs with code, design patterns and miscellaneous occurrences during projects.
7. Integrated and worked with outside data sources and open-source APIs within applications.
8. Integrated sever communication with the RESTful services and social network integration.
9. Implemented Unit-test code for robustness, including edge cases, usability, and general reliability.
10. Gained Knowledge of relational database MySQL, SQLite, and Non-relational database like MongoDB, Jira tool, GitHub, Agile methodologies.
11. Continuously discover, evaluate, and implement new technologies to maximize development efficiency.
12. Incredible teamwork and communication skills
13. Experience in interacting directly with the clients for gathering the requirements

Technical Skills:

Technology known: Python (Flask, Django), C#, asp. Net MVC, HTML5, CSS3, Bootstrap, AWS stack (EC2), JavaScript, jQuery, AJAX, RESTful API, React.js
Database known: MySQL, Microsoft SQL Server, MongoDB (Non-relational)
Operating System known: Windows, Linux distributions
Version control tools: GitHub, SVN
Other Tools: Good with MS Excel, Visual Studio Code, PyCharm, Jupyter Notebook

Education:

Jan 2020 – May 2022 **MSc in Advanced Computer Science, University of Leicester, UK**
Relevant modules include Foundation of Cybersecurity; Financial Services Information System; Generative Development; Internet & Cloud Computing; Agile Cloud Automation; Mobile and Web application; Software Measurement and Quality Assurance

Aug 2007 – June 2011 **Bachelor of Computer Engineering, Veer Narmad South Gujarat University, Surat India**
Relevant modules include Information Technology & Management; Database management System; Computer Networks; Information Security & Applications; Internet technology and applications

Software Work Experience:

1. Kartum Infotech (March 2021 – Jan 2022) as Software Developer Intern (Full-time)
- Responsible for assisting the team leader, completing projects, and managing your schedule to ensure deadlines are met. Assist to produce a clean and well-designed self-documenting Code in web applications using MySQL, jQuery, JavaScript, AJAX, HTML5, CSS3 and back-end programming with object-oriented programming languages like Python (Django, Flask), PHP. Developing backend portals with an optimized database. Troubleshooting application and code issues. Review existing code for coding standards compliance.
- Write technical design documents and keeping track of software developments.
- Developed and maintained code for in-house and client websites primarily using HTML, CSS, Sass, JavaScript, and jQuery

2. University of Leicester (May 2023 to Present) as Software and Data Engineer.
- Designed and customized computer applications for processing satellite data, integrating both bespoke EO software and third-party solutions, with a focus on operational scalability.
- Established coding interfaces to commercial datasets (e.g., Planet, CGI) and integrated software into EO satellite data processing systems like the MicroCarb ground segment.
- Authored comprehensive documentation on local software applications, facilitating efficient use by support staff and research users, while also contributing to project reports and technical documentation.
- Provided strategic input on software development, training, and investments to support team growth; engaged in continuous professional development through staff programs and research group participation.
- Ensured adherence to the University of Leicester's 'Research Code of Conduct', IT Policies, and health & safety standards in all professional activities.

Projects:

Web Application of Yoga class Planner | Python Django (MSc Individual Project)
- web application front-end and student, teacher, and admin dashboard were designed in HTML5 and CSS3 along with JavaScript libraries of calendar and postcode picker. The website backend was developed in Python Django, with the database as a MySQL server.
- User registration with email verification. Advanced search filtration was provided on the yoga asana database. The yoga teacher creates a yoga class, and the student will book and cancel the booked class. Then yoga teachers can create sequences for the class and the website will provide automatic suggestions based on students booked in a class. Drag and drop GUI was designed for the yoga sequence creation page.
- A yoga teacher can add and edit yoga asanas as well as yoga classes. Advanced search filter on yoga class table. calendar view for a yoga class appointment for students and teachers was developed. **Link**

Mobile Responsive Web Application with Covid-19 case analysis | Python Flask
- Mobile responsive front-end design in HTML5, CSS3 and JavaScript. Backend Python Flask with database MySQL Server. Users can register and login, Validation in JavaScript on each field of registration and login. different user dashboard, as per role selected. Visual graphical presentation on vendor dashboard, for covid analysis. **Link**

United States Household Income Statistic | Python NumPy Pandas Matplotlib (self-study project) Link

Covid 19 Latent Period Exploration | R (self-study project) Link

Desktop Application of Loan Calculator | C#
- Developed Desktop applications that will take values like loan amount, interest rate, and time period in months/year from users and perform calculations as per the finance banking formula of loan, table will be displayed with all the details as per period month/year wise. You can also download a CSV file of the table content for future reference. Link

Other Work Experience

1. **Precious Hope Health and Home Care (April 2020 – May 2022) as Care Worker (Part-time)**
   - It was domiciliary care work, in which we must support clients with their daily needs and help them live their lives independently as much as they can as per the care plan with medication support, moving and handing, and risk assessment. Clients vary from dementia, Alzheimer's, end-of-life support, ability, mental health medical condition.

2. **Amar Enterprise (Jan 2018 – Dec 2019) as E-Commerce Business Development Manager (Full-time)**
   - Develops and manages organizational changes needed to meet goals involving e-business strategies and ensure to achieve of targeted ls. To manage the relationship with the e-commerce platform provider as in B2B Marketplace and B2C Platforms. Responsible for Growth at B2B Portals such as Indiamart, Tradeindia,Alibaba and Do Branding on B2C Portals such as Flipkart, Amazon, Snapdeal, Paytm, Mirraw Many more. Responsible for account development, cold calling, assessing client needs, and identifying solutions. Build customer relationships

with the offline buyer and Divisional Merchandising Manager levels. Responsible got digital media marketing for the company`s image and branding in the market area. Responsible for the development of Own able Brand Propositions and Big Ideas, engagement strategies, and the creation of attractive and rewarding brand experiences.

3. Jani Import-Export (Feb 2016 - Dec 2017) as B2B Export Executive (Full-time)
- Gather business requirements, study the client requirement and collect the required information from manufacturing co-workers, and business. Developed detailed strategies for getting export orders from foreign clients from Gulf, Africa and the USA which played a key role in generating sales for the company. Arrange domestic and international shipments for customers. Responsible for account development, cold calling, assessing client needs, and identifying solutions and regenerate sales from inquiry of IndiaMart,Tradeindia. Responsible for maintaining price sheets of FAS, FOB, CFR and CIF with updated rates. Thorough knowledge of Import/Export Procedures and documentation. Handling and designing Website admin panel, Backend side and upload company products and content management.

4. Fashion Plus Lace (Dec 2013 - Jan 2016) as B2B Business Sales Executive (Full-time)
- Creating product`s Visual Image, for B2B portal uploading n for fetching online client Managing and Updating inventory on the Company Website, Web portals of B2B marketplaces Like Tradeindia and Indiamart. Manage and follow up Queries of B2B Portals such as Indiamart, Tradeindia. Responsible for account development, cold calling, assessing client needs, and identifying solutions Build customer relationships with the buyer nd Divisional Merchandising Manager levels. Handling Website admin panel, Backend side and upload company products and content management.

5. D.V. Das Manpower (July 2011 - Nov 2013) as Client Relationship Manager (Full-time)
- Conducting face to face meetings with Job candidates and enterprises. Generating leads, cold calling, building database, online lead generation, client driven Business, online research, client servicing in CRM. Identifying clients and updating database of the existing clients for new business generation. Mapping the needs of new clients to generate business for the firm. Build long-term trusting relationships with clients.

**References**: available upon request.