Raghav P. Batra

Location: Borsad, Dist. Anand, Gujarat, India

Bachelor of Technology in Computer Science and Engineering

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INTRODUCTION

Motivated student with B.Tech in Computer Science and Engineering with Data Science, Artificial Intelligence and Machine Learning specialization from GSFC University. Experienced in Agile and Scrum environments. Supports team administration, project coordination, design and programming needs. Known for curiosity in technical troubleshooting. Fluent in English. School projects include building apps, optimizing programs ,validating code, web based applications, Python projects, Java projects, PHP projects etc. Driven and proactive with proven history of going above and beyond to contribute to team objectives. Consistently acknowledged for contributing to process optimization by automating tasks for increased efficiency. I am a highly skilled software developer with **Internship experience** in the fields of **Full Stack Development, Backend Development and Integration Services** in various languages such as **HTML, CSS, JavaScript, PHP and Java**.I have hands on experience on Enterprise Service Bus (ESB) based software- Software AG webMethods. I have knowledge of popular frameworks such as **Laravel, Spring MVC, Hibernate and Django** and experience with REST APIs and MVC frameworks.

TECHNICAL SKILLS

Languages	:	Java, Python, PHP, JavaScript, HTML, CSS
Frameworks	:	Spring MVC, Hibernate, Django, Flask, Ajax, Laravel
Libraries	:	Pandas, NumPy
Databases	:	MySQL, MongoDB
Dev Tools	:	Eclipse, Visual Studio Code, Git, Github, Postman, BitBucket, Atlassian JIRA

INTERNSHIPS

PHP Laravel Developer Trainee   July 2023 – Present
Quantum IT Innovation   *Noida, India*

- Successfully **developed** and **delivered** a **customized e-commerce web application** for a client, demonstrating my ability to create tailored solutions to meet specific client needs.
- Independently managed and built an entire project, showcasing my **self-reliance** and **capability to handle end-to-end development tasks.**
- Collaborated with clients to gather requirements for complex logical projects and successfully created REST APIs in Laravel to meet their specific needs
- Proficiently utilized **Laravel authentication libraries** to ensure **secure user access** and **data protection**, emphasizing a commitment to security best practices.
- **Collaborated with cross-functional teams** to deliver successful project outcomes, fostering a **cooperative** and **productive** work environment.
- Demonstrated a keen ability to tackle **complex technical challenges** and find **innovative solutions**, ensuring project success and client satisfaction.

Project Trainee - ESB Developer (Phase 2)   January 2023 – April 2023
PMC Retail   *Vadodara, Gujarat, India*

- Trained in the field of Integration through **Software AG webMethods** and it's components
- Training involved learning through Knowledge Transfer sessions provided by Industry mentor, Courses/Material provided by the company and Self Learning
- Internship also included maintaining a **GitHub** repository for managing all the projects created in the time period.
- Worked on a **live client project** based on the **Scrum and Agile methodology** which involved picking up individual tasks in multiple sprints.
- Worked with **REST APIs** to retrieve and display data from databases

Project Trainee - Java Developer (Phase 1)   June 2022 – November 2022
PMC Retail   *Vadodara, Gujarat, India*

- Trained in the concepts of **Core Java, JDBC, Servlets, JDBC, JPA, Spring MVC, Hibernate** etc.
- Training involved learning through Knowledge Transfer sessions provided by Industry mentor, Courses/Material provided by the company and Self Learning
- Successfully submitted a **Full Stack CRUD Application** created using **Spring MVC and Hibernate framework** as part of the final evaluation procedure.

PHP Developer Intern   December 2021 – January 2022
RedSpark Technologies   *Vadodara, Gujarat, India*

- Internship involved module based training in the concepts of **PHP, HTML, CSS, JavaScript, Ajax and MySQL.**
- Difficulty level of the problem statement gradually increased with the number of modules.
- As part of the final evaluation procedure, A **Full Stack CRUD based Web Application** was built using **PHP, HTML, CSS, JavaScript, AJAX and MySQL** that included the functionalities like User Authorization, Validation, Forgot/Reset Password, Administrator Management dashboard, etc.

EDUCATION

GSFC University   Vadodara, Gujarat, India
Bachelor of Technology in Computer Science and Engineering   *July 2019 – May 2023*
CGPA: 8.67

Anandalaya Education Society   Anand, Gujarat, India
12th Higher Secondary Education, CBSE Board   *2018 – 2019*
Percentage: 88.9

Anandalaya Education Society   Anand, Gujarat, India
10th Senior Secondary Education, CBSE Board   *2016 – 2017*
CGPA: 8.4

PROJECTS

Booking Website for a Sports Academy   *Wordpress, Plugins (Woocommerce, Elementor, etc.)*   7sportsacademy.com

- Designed and developed a clean and modern website using **Wordpress and it's plugins like Woocommerce, Elementor, Jetpack etc.**
- The website includes functionalities like **Real time bookings, Account creation, Wallet system, Payment gateway integration** and it is also connected with **Google Analytics** for real time analysis and User tracking.
- The website is currently hosted and managed under my supervision on the domain **7sportsacademy.com**
- Optimized website for **speed and user experience**
- Utilized **responsive design** to ensure compatibility across all devices

Online Quiz and Hackathon WebApp   *PHP, HTML, CSS, JavaScript and MySQL Database*   Spell of Cipher

- Built a **Multi-User registration module in PHP**, teams were mapped together so as to calculate team average when they appear for Live Tests. The Leader had the access control of the team including addition or deletion of a new registered member under that team.
- Prepared Practice and Live Test Modules, gave access to over **500+ Questions and 12+ sets and 5+ subjects** overall. Users could attempt questions according to Question Type and Time Given.
- **Realtime Leaderboard** provided the participants their current ranking and marks obtained by individuals and average of the team both available also in the Profile Section of the user.
- Designed beautiful web pages giving complete information about the competition and the way forward to the event.

Movie Recommendation System   *Python, Flask, HTML, CSS and Javascript*   Course Project

- Studied different types of Recommender Systems and algorithms like user based collaborative filtering, content based system, apriori algorithm, etc. Used **Flask, Python, HTML, CSS, Javascript** and provided Top 10 Best Recommended Movies based on the search.
- Used **Data Cleaning, Data Manipulation and Data Transformation techniques** through feature extraction to bring the data in order to perform **Cosine-Similarity** to calculate distance between movies in a vector space based on a grouped column that included name of movie, genre, director, cast, crew, production house, country of origin, etc. Also Implemented   feature in the search-bar.

User Management Application   *Java, JDBC, Servlet, JSP, HTML, CSS, Javascript and MySQL Database*   Course Project

- A CRUD application built using **Java, JDBC, Servlet, JSP, HTML, CSS, Javascript and MySQL Database** with functionalities like **Administrator Dashboard, User profile page, Login/SignUp, Forgot Password, Responsive web pages**, etc.
- Implemented **Access Control** to differentiate privileges and functionalities based on user roles, such as Admin and individual users

CERTIFICATIONS

- NPTEL Cloud Computing Elite+Silver Certificate
- Coursera HTML5 Certificate
- Coursera Artificial Intelligence Certificate

ACHIEVEMENTS

- Ranked **1st** among 700 teams in **National Entrepreneurship Challenge (NEC)** held at IIT Bombay in 2019-20.
- Contributed as a **'Student Volunteer'** during the **Vibrant Startup and Technology Summit** held on 12,13,14th December 2019 organized by **GESIA IT Association, Department of Science and Technology and Gujarat Informatics Limited.**

EXTRACURRICULAR ACTIVITIES AND OTHER NOTABLES

- Contributed as the **Secretary** and **co-founder** to the successful launch of GSFC University's inaugural Techfest, "Ananta." A notable achievement during my tenure was proposing the event's name, "Ananta," signifying infinity, which garnered widespread appreciation and was officially adopted. Throughout my involvement in this capacity, I assumed **significant responsibilities**, demonstrating a **strong sense of duty and maturity** in the planning and execution phases.
- Contributed as a **core team member** of E-Cell GSFC University, actively participating in the **organization and management** of various **entrepreneurship-related activities and competitions**. My efforts played a key role in our team's success, helping us reach the finals of multiple competitions and fostering an entrepreneurial spirit within our university community.
- Contributed as a core team member and played a **crucial role** in **organizing and managing prominent university events**. In particular, I specialized in sponsorship acquisition and marketing strategies, ensuring the success of initiatives like "**Spell of Cipher-Hackathon**" and "**VSM - Virtual Stock Market.**"
- Proudly **represented** our university in the competitive Inter-University Badminton Tournament hosted by **DAIICT Gandhinagar**.