# Apurva Gawande

Software Engineer
Holland, MI, USA

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## SKILLS

- Development skills – Python, C++, Swift, HTML5, CSS3, JavaScript, SQL
- Tools and frameworks - Git, Jira, Confluence, Service Now, Agile methodology, AWS, SQLite, MySQL, Flask, React.js, Node.js, JQuery, Postman, Figma, JSON, Bootstrap, PostgresQL
- Courses - Mobile App Development (iOS dev), Web Backend Engineering, Advance Database Management, Advanced Computer Networking, Artificial Intelligence, Advance Blockchain Engineering, Data Structures and Algorithms.

## ACADEMIC EXPERIENCE

**MindFitness – A mind management website (Python, Flask, React.js, MySQL, APIs, HTML, CSS)**          **May 2023 – August 2023**

- Designed and developed a comprehensive mind management website utilizing Python, Flask, React.js, HTML, CSS, and MySQL.
- Implemented a REST API to connect the website's frontend and backend, to import features such as meditation music and daily affirmations and tested the API using Postman.
- Implemented crucial features, including account creation, authorization, proactive notification system, and history retention to support data retention and personal growth.

**Wordle Game API (Python, Flask framework, SQLite, Nginx, Microservices)**          **August 2022 - December 2022**

- Built a backend API and relational database schema with a team of four leveraging Python, Quart, SQLite, and RESTful API for engaging five-letter word guessing game.
- Orchestrated an HTTP reverse proxy and load balancer using Nginx, distributing incoming traffic to ensure seamless and high-performance gameplay.
- Configured two database replicas by distributing read operations across replicas to bolster database performance and responsiveness.

**Climate Data Analysis (MapReduce, AWS (Amazon S3, Amazon EC2), Java)**          **August 2022 - December 2022**

- Employed Hadoop MapReduce and Java to analyze an extensive seasonal dataset containing 40,00,000+ records, leveraging capabilities of Amazon EC2 and Amazon S3 bucket.
- Analyzed and extracted statistical insights rooted in location and time parameters and streamlined data processing and secure storage while maintaining scalable computing resources.

## PROFESSIONAL EXPERIENCE

**Accenture, Pune, Maharashtra, India**          **December 2018 - December 2021**

*Software Engineer*

- Configured and customized SAP ERP modules such as payroll and time to align with 400+ client requisites along with debugging and testing complex enhancements models, while improving team efficiency by 20%.
- Conducted in-depth analysis employing data manipulation techniques and performed data migration and validation tasks for over 500 employee records, ensuring accurate and timely system implementation.
- Resolved over 400+ intricate challenges through rigorous debugging, testing, and systematic dissection of complex processes and data, leveraged analytical skills and problem-solving abilities to deliver efficient solutions.
- Implemented coding best practices while working as a part of Agile Team such as peer code reviews, automated unit testing, and browser debugging with automation scripts, achieving a 20% reduction in development and maintenance costs.
- Collaborated with cross-functional teams to design and develop custom reports for analytics, resulting in a 15% improvement in data visualization and decision-making capabilities.
- Secured 98 percentile in early career greenfield training learning technologies such as HTML, CSS, Java, RDBMS, SDLC, SAP MM, SAP ERP.
- Mastered workflow management tools and change management tools such as Service now, SAP ChaRM, etc.

## EDUCATION

**California State University, Fullerton, California**          **January 2022 – Current**

*Master of Science, Computer Science*

**Savitribai Phule Pune University, Pune, Maharashtra, India**          **August 2014 - June 2018**

*Bachelor of Engineering, Mechanical Engineering*