

AMAN SHINDE

+91 7972131849 ◇ Pune, Maharashtra

amanshinde.i2it@gmail.com ◇ [linkedin.com/aman-shinde](https://www.linkedin.com/in/aman-shinde)

PROFILE SUMMARY

As a Software Engineer with over 3 years of experience in web development and a keen eye for design, I excel in merging technical expertise with creative passion to craft visually stunning and highly functional websites. I am dedicated to delivering exceptional user experiences through intuitive design principles and staying current with industry trends. My skill set includes developing, and enhancing digital products and technology services to optimize user engagement. I ensure the quality, security, and reliability of solutions by adhering to rigorous digital principles and implementing comprehensive requirements. Proactively building observations into solutions, I monitor production health and effectively resolve incidents by addressing root causes. My commitment to innovative solutions consistently exceeds client expectations.

SKILLS

Front-end Technologies	HTML, CSS, Bootstrap, React.js, JavaScript, Typescript, Material UI
Back-end Technologies	Node.js, Express.js, Apollo, PHP
DBMS	MySQL, MongoDB, REST API, GraphQL API
Tools	Figma, GitHub, FileZilla, JIRA, Confluence
Other	Chrome extension development, HTML Newsletters development

EXPERIENCE

System Engineer Tata Consultancy Services	July 2021 - Present <i>Pune</i>
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- **Micro-Site Development:** Independently managed and executed the development of dynamic micro-sites for high-profile events.
- **Email Development:** Enhanced email marketing campaigns by developing highly compatible HTML newsletters, improving open and click-through rates.
- **User Experience Enhancement:** Identified and brought attention to a user experience (UX) issue within the product, subsequently presenting well-formulated solutions to rectify the identified problem.
- **Performance Improvement:** Improved site performance and user experience through the strategic migration of legacy systems to modern platforms.
- **Process Improvement:** Improved processes for generating subscription reports and sending TDS certificates to vendors, enhanced efficiency and accuracy.
- **Legacy System Migration:** Successfully migrated over 100 legacy micro-sites from WordPress to the client's global platform, resulting in significant performance improvements.
- **Cross-Functional Coordination:** Worked closely with cross-functional teams, including designers and project managers, to gather requirements, obtain new designs, and verify implementation, ensuring project goals and deadlines were met.
- **Security Maintenance:** Ensured the security of applications by implementing best practices and conducting regular security audits, addressing vulnerabilities, and ensuring compliance with industry standards.
- **Project Delivery:** Received accolades for consistently delivering projects on time and exceeding client expectations.
- **Documentation:** Created and maintained comprehensive documentation for all developed features and processes, ensuring clarity and ease of understanding for future reference and onboarding.

EDUCATION

- **Bachelor of Computer Engineering** 2017 - 2021
International Institute of Information Technology, I²IT
Savitribai Phule Pune University 8.28
- **Class XII (HSC)** 2017
MES Abasaheb Garware College, Pune
Maharashtra State Board 61.69
- **Class X (SSC)** 2014
S.N.R. Highschool, Indapur, Pune
Maharashtra State Board 78.60

PROJECTS

- **Thane Municipal Corporation COVID-19 Workforce App**
 - Built cross-platform application (Website, Android, iOS app) to support Municipal Corporations or any organizations from the moment a patient is identified as COVID-19 positive till he/she is released.
 - The health centers will be notified of the patient's condition from the moment they test positive until they are assigned a hospital with treatment facilities.
 - Examined numerous data analysis techniques for evaluating daily, weekly, and monthly observations.
 - Analyzing geospatial data and sub-clustering the clustered result for specified area distribution.
- **Myblog**
 - Created a Feature-Rich MyBlog Website with Advanced Functionality.
 - Implemented advanced functionalities such as nested comments and a user-friendly graphical interface.
 - Empowered users to easily track their platform activities using various pie charts and histograms.
 - Utilized HTML, CSS, JavaScript, and PHP to create a responsive and user-friendly web interface.

PUBLICATIONS

- **Artificial Intelligence Applications for Health Care - CRC Press**
Author of Chapter 13: A COVID-19 Tracker for Medical Front-Liners
- **International Journal of Advanced Trends in Computer Science and Engineering, Volume 10, No.3**
Author of research paper: COVID Tracker for Medical Front-Liners- A Survey
- **International Conference on Sustainable Expert Systems.**
Author of research paper: Detection and Monitoring of Alzheimer's Disease Using Serious Games

AWARDS AND RECOGNITION

- Secured Third position in paper presentation contest organized by IEEE Pune section 05/2021
- 1st runner up in Entrepreneurship Challenge Competition organized by Hope Foundation's International Institute of Information Technology (I²IT), Hinjwadi, Pune 09/03/2021
- Received the NES Innovation Awards 2021 for Most Commendable Project entitled "COVID Tracker for Medical Front-liners"
- Patent Filled with Title "DETECTION OF ALZHEIMER'S DISEASE USING SERIOUS GAMES" Patent Number: 202121009893