

# <PARTH KETAN DOSHI>

## </SOFTWARE ENGINEER>

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🌐 [behance.net/parthketandoshi](https://behance.net/parthketandoshi)

I am a Computer Engineer with a Passion for Programming, a Knack for Problem Solving, and an Aptitude for Learning, I am curious about various technologies and driven to explore them. I am a quick learner and capable of applying my knowledge concurrently. I have had a plethora of experiences and have made good out of all the opportunities that I have received.

## EDUCATION

### Bachelor of Engineering

#### Computer Engineering

Shah & Anchor Kutchhi Engineering College  
University of Mumbai, Mumbai  
10/20 | 6.92 CGPA / 65.16%

### Higher Secondary Certificate (Science)

KJ Somaiya College of Science & Commerce  
Maharashtra State Board, Mumbai  
02/15 | 66.46%

### Secondary School Certificate

Holy Family High School  
Maharashtra State Board, Mumbai  
03/13 | 87.82%

## PUBLICATION

"Survey on IoT based Bridge Health Monitoring Systems", IJRESM Journal (ISSN (Online) - 2581-5792), Volume-3, Issue-4, April-2020 (Impact Factor: 4.308)

## TRAININGS

- Android App Development
- Python 3.x App Development
- iOS App Development
- Spoken Tutorial project by IIT Bombay for C, Java, Python, PHP, MySQL & LaTeX
- Dialogflow Codelab-Developer Weekend

## SKILLS & PROFICIENCIES

- C, Java, Python, HTML, CSS, JavaScript, XML, PHP, SQL, Swift, AppleScript, RegEx, Scratch
- Angular, Firebase, Cross-platform App Development, Front-end Development, IoT, Dialogflow, Google Collab, Power BI, DBMS, AI/ML
- Terminal, Visual Studio Code, Xcode, Android Studio, API, Cryptography, GFX, Hatch XR, MIT App Inventor, Codepen, Adobe Illustrator, Adobe XD, Inkscape, AR/VR, UI/UX, Linux, Raspberry Pi, GitHub, GitLab, BitBucket, Jira, Jenkins, GoCD, Sonarqube
- Cross-functional team leadership, Organisation & Management, Research, Communication Skills, Creative Writing, Teaching & Tutoring

## LANGUAGES KNOWN

English, Gujarati, Hindi, and Marathi

## HOBBIES

Trekking, Swimming, Musical Keyboard, and Exploring new technologies

## PROFESSIONAL EXPERIENCE

### Zycus Infotech Pvt. Ltd.

#### Associate Software Engineer (04/21 - Present)

- Worked on enhancements, feature development, bug fixes as well as CI/CD
- Implemented Java version upgrade and its adoption for one of the products
- Icon creation and externalization based on product requirements
- Completely revamped the Icon Library and its workflow
- Core member of Funzastic committee organizing cultural and fun activities

#### Trainee Software Engineer (01/21 - 04/21)

- Underwent extensive training on Angular and implemented a project
- Joined the CoE team working on different products and technologies
- Implemented fixes for issues raised in SonarQube Reports
- Created a dashboard to present data for consumption by different teams

#### Camp K12 - Tech Mentor (04/20 - 05/20)

- Taught Android App Development on MIT App Inventor, 3D coding, and VR using HatchXR and HTML, CSS & JS using CodePen to school students

#### Fube Technology - Software Development Intern (01/19 - 04/20)

- Worked on Yodais and Jom Channel products for Fube Technology, Malaysia for the Front-end development of a Bootstrap based website

#### Trivia Software - Android & Python App Dev Intern (06/18 - 07/18)

- Developed an Android App for Calculating BMI in which we implemented UI, APIs, shared preferences, and a unique interactive splash screen
- Implemented a desktop app using python to manage a student database and incorporated GUI, APIs, and different Packages in this project

#### Toppr - WordPress Admin & SEO Manager Intern (02/18 - 06/18)

- Joined as a content writer and editor and further worked on WordPress Administration, MathJAX, SEO and also managing other writers

## PROJECTS

### Real-Time Bridge Monitoring System Capstone Project (07/19 - 04/20)

Developed a comprehensive IoT project for Bridge Health Monitoring which comprises Sensors for checking vibrations and bending on structure, Python-based Applications for Image & Audio Processing, and a PWA for output

### Angular Assessment Project (02/20)

Developed an Angular web application fetching data from JSONPlaceholder APIs, cross-referencing it and displaying it appropriately

### Production Application Test (03/20)

Implemented solution for Intercom hiring problem statement in Python using Jupyter Notebook along with unit-testing and hosted it with firebase

### Gujarati & Marathi News Headlines Classification (05/20)

Implemented Text Classification for Gujarati and Marathi Languages in Google Collab using NLP and datasets from Kaggle based on inLTK Python Library

## VOLUNTEERING EXPERIENCES

- Volunteer at Teach For India for project under Teach to Lead Foundation
- General Secretary of ISTE SAKEC Students' Chapter for A.Y. 2017-18
- Organising Head for Industrial Visit and Outbound Activity
- Core Team Member of TAPtheTECH (NGO & Coursera Learning Hub)

## ACHIEVEMENTS

- Earned Zycus individual recognition for performance & agility twice
- Guest Speaker for Tech Routes webinar organised by CSI-KJSCE
- Cracked Google HashCode, TCS CodeVita, and Infosys HackWithInfy
- INSPIRE Award by Department of Science & Technology