



Ankit Varma

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WORK EXPERIENCE

Software Developer

Retailer Web Services (Phoenix, Arizona, U.S.A.)

Sep 2021 – Jan 2023

» Work:

- Web crawling using Java programming language.

Robotics Intern

C-DAC (Kharghar, Navi Mumbai)

Mar 2019 – Mar 2020

» Research on NLP Voice Recognition:

- Voice recognition is required for control of robot as an additional feature. Techniques for implementing this included recording of samples, removing noise using Audacity and finally training it on our algorithm.

» Research on Object Recognition:

- Object recognition is required to prevent collision of robot with its immediate environment. Techniques for implementing this included creating math for the algorithm which segregates a single attribute of an object from a set of attributes.

Front-end and Back-end Developer Intern

Bee'ah Sharjah Environment Co. LLC (Sharjah, UAE)

Jan 2019 – Mar 2019

» Objective:

- Planning a strategy to overcome overflow of garbage bins and to create a single dashboard to view the current status of bins in the city.

» Implementation:

- Creating a UI and GPS enabled location tracking app for users to send the photo of bin in case of damage. An optional comment field is present to provide extra description. MongoDB is used for data storage in the backend and the app is developed using Ionic framework. It is supported on Android platform.

» Testing:

- App installation was done on different API platforms and on multiple devices to identify any potential bugs. Data transfer testing was initially done on wireless hotspot using 5 JPG images sent simultaneously each having size of 5-6 MB. The transfer took 2 second.

» Bug Removal:

- Infinite scroll bug found while uploading more than 4 images was fixed.

SKILLS

- Languages: Core Java, HTML, CSS, Vanilla JavaScript, C, Python 3.
- Database: MySQL, MongoDB.
- Frameworks: Bootstrap, Express.js, AngularJS, Ionic.

PROJECTS

- ◆ Semester 8 (Jan 2020 → Mar 2020)
 - ✓ Robotics: Floor Cleaning Robot
 - A multi-functional robot that has the ability to detect 21 objects and receives commands from Web GUI.
 - Built using Raspberry Pi 3 - Model B+ and a 4-wheel drive custom-designed chassis.
- ◆ Semester 7 (Jul 2019 → Sep 2019)
 - ✓ Android Application: Computer Hardware Shop
 - An Android app to order computer hardware, laptops and other tech stuff.
 - Built using Android Studio with Java language and Firebase real-time database.
- ◆ Semester 5 (Jul 2018 → Sep 2018)
 - ✓ Internet of Things: Car Collision Detection and Warning System
 - An automated dashboard system in car that alerts the driver of an immediate obstacle by light indicators, warning sound and takes control of the car.
 - Built using Arduino UNO R3.
 - ✓ Website: Indian Heritage
 - An informative website to equip visitors with the knowledge of unique heritages of India. Viewers can send their reviews about the content and request changes. All places are categorized based on UNESCO definition.
 - Built using HTML, CSS, JavaScript, and Bootstrap.
- ◆ Semester 3 (Jul 2017 → Sep 2017)
 - ✓ Java Application: Employee Database Management System
 - An application made for employees to retrieve their info, send mail, request leave and for database administrators to manage and add new personnel.
 - Built using Java Swing and Derby.

EDUCATION

	Graduate [View degree certificate] Mumbai University, B.E. Information Technology Engineering. Saraswati College of Engineering, Kharghar, Navi Mumbai 410210. CGPI: 7.1 Marks Obtained: 4067/6025 (67.5%)	2016 - 2020
	College, Science (Non-medical) [View HSC certificate] Maharashtra State Board of Secondary and Higher Secondary Education Marks Obtained: 425/650 (65.38%) Schooling [View SSC certificate] Maharashtra State Board of Secondary and Higher Secondary Education Marks Obtained: 499/550 (90.73%)	2013 - 2015 2003 - 2013

University Of Mumbai

Degree Certificate



This is to certify that

VARMA ANKIT ANAND BINDU

of

**SARASWATI EDUCATION SOCIETY'S SARASWATI COLLEGE OF
ENGINEERING**

was awarded the degree

of

**BACHELOR OF ENGINEERING, (INFORMATION TECHNOLOGY
BRANCH)**

with

CGPA 7.01

for the Examination held in **OCTOBER-2020**.



Digitally signed on
Date : 10/12/2023 15:43:45 IST



Note:-

1. This is a digital certificate. The format of this certificate may differ from the document issued by the Institution/University.
2. This certificate is electronically generated by DigiLocker - National Academic Depository.
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4. To verify this certificate, download DigiLocker Android application from Google Play and scan the QR code on the certificate.



महाराष्ट्र राज्य माध्यमिक व उच्च माध्यमिक शिक्षण मंडळ, पुणे
 Maharashtra State Board Of
 Secondary and Higher Secondary Education, Pune

Division :MUMBAI

उच्च माध्यमिक प्रमाणपत्र परीक्षा – गुणपत्रक

HIGHER SECONDARY CERTIFICATE EXAMINATION - STATEMENT OF MARKS

शाखा STREAM	आसन क्रमांक SEAT NO.	केन्द्र क्रमांक CENTRE NO.	जिल्हा व उच्च.माध्य.शाळा क्रमांक DIST.& HR.SEC.SCHOOL NO.	परीक्षेचा महिना व वर्ष MONTH & YEAR OF EXAM.	गुणपत्रिकेचा अनुक्रमांक SR.NO. OF STATEMENT
SCIENCE	M011441	1143	16.15.039	FEBRUARY-15	

उमेदवाराचे संपूर्ण नाव (आडनाव प्रथम) / CANDIDATE'S FULL NAME (SURNAME FIRST)

VARMA ANKIT ANAND

उमेदवाराच्या आईचे नाव / CANDIDATE'S MOTHER'S NAME BINDU

विषयाचा सांकेतिक क्रमांक व विषयाचे नाव Subject Code No. and Subject Name	*माध्यम Medium	कमाल गुण Max. Marks	प्राप्त गुण / Marks Obtained		
			In Figures	In Words	
01 ENGLISH	ENG	100	073	SEVENTY THREE	
40 MATHEMATICS & STATISTICS	ENG	100	055	FIFTY FIVE	
54 PHYSICS	ENG	100	042	FORTY TWO	
55 CHEMISTRY	ENG	100	051	FIFTY ONE	
D9 COMPUTER SCIENCE	ENG	200	156	ONE HUNDRED AND FIFTY SIX	
31 ENVIRONMENT EDUCATION	ENG	050	048	FORTY EIGHT	
30 HEALTH & PHYSICAL EDUCATION(GRADE)	A				
Result / निकाल	Percentage / टक्केवारी	एकूण गुण / Total Marks			
PASS	65.38	650	425	FOUR HUNDRED AND TWENTY FIVE	

Note :1) This HSC Marksheets is verified by DigiLocker (<https://digilocker.gov.in>) as per data provided by the issuing authority, MSBSHSE.

2) This digitally signed verification document is valid as per the IT Act 2000 when used electronically.

महत्वाचे, टीप, आरोग्य व शारीरिक शिक्षण विषयातील श्रेणी आणि चिन्हांची माहिती यांचा तपशील मार्गील पृष्ठावर पढावा. See overleaf for Important, Notes, Grades in Health & Physical Education Subject and meaning of special characters.

Signature Not Verified

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विभागीय सचिव/Divisional Secretary



महाराष्ट्र राज्य माध्यमिक व उच्च माध्यमिक शिक्षण मंडळ, पुणे
**Maharashtra State Board Of
Secondary and Higher Secondary Education, Pune**

DIVISION :MUMBAI

माध्यमिक शालान्त प्रमाणपत्र परीक्षा – गुणपत्रक

SECONDARY SCHOOL CERTIFICATE EXAMINATION - STATEMENT OF MARKS

आसन क्रमांक SEAT NO.	केन्द्र क्रमांक CENTRE NO.	जिल्हा व शाला क्रमांक DIST. & SCHOOL NO.	परीक्षेचा महिना व वर्ष MONTH & YEAR OF EXAM.	गुणपत्रिका अनुक्रमांक SR.NO. OF STATEMENT
E039215	1106	16.15.096	MARCH-2013	

उमेदवाराचे संपूर्ण नाव (आडनाव प्रथम) / CANDIDATE'S FULL NAME (SURNAME FIRST)

VARMA ANKIT ANAND

उमेदवाराच्या आईचे नाव / CANDIDATE'S MOTHER'S NAME BINDU

विषयाचा सांकेतिक क्रमांक व विषयाचे नाव Subject Code No. and Subject Name	क्रमाल गुण Max. Marks	प्राप्त गुण किंवा श्रेणी / Marks or Grade Obtained	
		In Figures	In Words
03 ENGLISH (1ST LANG)	100	085	EIGHTY FIVE
16 MARATHI (2/3 LANG)	100	090	NINETY
15 HINDI (2/3 LANG)	100	087	EIGHTY SEVEN
71 MATHEMATICS	150	140	ONE HUNDRED AND FORTY
72 SCIENCE & TECHNOLOGY	100	096	NINETY SIX
73 SOCIAL SCIENCES	100	086	EIGHTY SIX
K7 INFORMATION TECHNOLOGY	*	A	
P1 HEALTH & PHYSICAL EDUCATION	*	A	
P2 SCOUTING/GUIDING	*	A	
R6 PERSONALITY DEVELOPMENT	*	A	
38 ENVIRONMENT EDUCATION	*	A	
Result / निकाल	Percentage/टक्केवारी	एकूण गुण / Total Marks	FOUR HUNDRED AND NINETY NINE
PASS	90.73	550	499

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See overleaf for Important, Notes, Grades in work experience & school subjects and meaning of special characters.

Signature Not Verified

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विभागीय सचिव/Divisional Secretary