PRAKASH TARUN KUMAR

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CAREER OBJECTIVE

Being an innovative thinker and having a desire for creating new products, I want to utilize my expertise in software engineering to create products for betterment of society and contribute to technological advancement.

EDUCATIONAL QUALIFICATION

Bachelor of Engineering in **Computer Engineering** at **University of Mumbai**, CGPA: 8.21/10; Passing year: July, 2019
12th H.S.C. from Pace Junior Science College, Navi Mumbai. Board: **Maharashtra State Board,** Percentage:79.69%, Passing year: May,2014
10th S.S.C. from D.A.V. International School, Kharghar, Navi Mumbai. Board: **C.B.S.E.,** C.G.P.A.: 10/10, Passing year: May,2012

PROFESSIONAL EXPERIENCE

Web Developer, Esquare Infotech, Navi Mumbai
Duration: March 2016 - Current
Job responsibilities:
- To understand client's need and analyse the project requirements.
- To design and develop the websites using C# & .NET Framework, develop the databases and host them on the server.

PROFESSIONAL PROJECTS

Title: Trinity Mediams
Location: Esquare Infotech, Navi Mumbai
Duration: March 2016 – April 2016   **Role:** Full Stack Web Developer
Synopsis: Developed website for company which provides services related to 3D printing.
Technology Used: HTML5, CSS3, Bootstrap, C#, .NET Framework, FTP Hosting

Title: Logo 1000
Location: Esquare Infotech, Navi Mumbai
Duration: June 2016 – September 2016   **Role:** Full Stack Web Developer
Synopsis: Implemented a website for company which designs logo for clients. Also designed various logos for their website.
Technology Used: HTML5, CSS3, Bootstrap, C#, .NET Framework, FTP Hosting

Title: Language Academy
Location: Esquare Infotech, Navi Mumbai
Duration: November 2016 – February 2017   **Role:** Full Stack Web Developer
Synopsis: A website developed for a company which offers courses to learn various languages, offers corporate training for speaking skills. Users can enquiry about various courses and get information regarding international language examinations.
Technology Used: HTML5, CSS3, Bootstrap, C#, .NET Framework, FTP Hosting

Title: Esquare Infotech
Location: Esquare Infotech, Navi Mumbai
Duration: March 2017 – May 2017   **Role:** Full Stack Web Developer
Synopsis: A website developed for a company which offers various courses related to computer field, corporate training for professionals and companies. It offers solution to companies to develop their website and provides IT services to them.
Technology Used: HTML5, CSS3, Bootstrap, C#, .NET Framework, FTP Hosting

Title: Architect for You
Location: Esquare Infotech, Navi Mumbai
Duration: June 2017 – August 2017   **Role:** Full Stack Web Developer
Synopsis: A web portal where you search for architects, hire architects or list themselves as architect. You learn various courses related to architecture and hire a firm to meet your requirements.
Technology Used: HTML5, CSS3, Bootstrap, C#, .NET Framework, FTP Hosting

Title: The School Near by
Location: Esquare Infotech, Navi Mumbai
Duration: December 2017 – April 2018   **Role:** Full Stack Web Developer
Synopsis: A website featuring details of all schools in particular location and category based on user selection. It allows the user to submit an inquiry for a school or apply for admission to that school. Schools can also fill up form to get listed on this website.
Technology Used: HTML5, CSS3, Bootstrap, C#, .NET Framework, FTP Hosting

RESEARCH PROJECTS

Title: Upgrowth   **Duration:** June 2018 – Current
Synopsis: A data analytics and machine learning project. It analyses a person's academic profile, their interest, skills and take a personalized test. Based on the test results, and on model trained using a survey which was done beforehad, it suggests them what career they should choose, how to improve their skills related to their career and what job opportunities they have.
Technology Used: Python, Django, Machine Learning, Data Analytics

Title: Low Cost Algae Biodiesel (Applied for Patent)   **Duration:** December 2012 – February 2014
Synopsis: This project aims to produce biodiesel from algae at low cost. It replaces conventional design of photobioreactor to increase its capacity for algae growth and yield at minimal cost. It consists of solar panels to generate electricity to make this project self-sufficient and reduce overall cost.

Title: Solar Tree (Applied for Patent)   **Duration:** December 2012 – February 2014
Synopsis: It consists of solar cells, wind turbine at top for generating electricity also from wind, a charging dock for public to use. Solar panels are circular in shape with reducing radius from bottom to top in form of inverted cone having ability to rotate themselves according to sunlight falling on them.

Title: Spy Pentacopter (Applied for Patent)   **Duration:** January 2012 – October 2012
Synopsis: This spy Pentacopter consists of 5 specially designed rotors for speed, swiftness and long range of operations. These are independent motors for better efficiency and power. They have spy camera at base and ammunition to paralyze the target.

TECHNICAL SKILLS

- Web Designing (HTML, CSS, JavaScript, Bootstrap)
- Web Development (C#, .NET / Python, Django)
- Mobile Application Development (Cross-platform: C#)
- Data Analytics and Machine Learning.
- Adobe Photoshop and Adobe Illustrator.
- Advanced skills with Microsoft Office Applications.
- Skills in AdWords, AdSense, S.E.O. to create traffic and ranking for a website.

HONORS AND AWARDS

- **VigyanShree Award (2011)**: Awarded by C.B.S.E. Board, Best Project of the Year (1st Prize National Level)
- **Certificate of Recognition** (2012): Awarded by Government of India for Algae Biodiesel Project and Solar Tree (Individual Awards)

ACADEMIC ACHIEVEMENTS

- Received **Certificate of Merit** from C.B.S.E. Board for scoring 10/10 C.G.P.A. in 10th std.

EXTRCURRICULAR ACTIVITIES

- **Microsoft Student Partner, Microsoft Incorporation**   **Duration:** August 2017 - Current
  Role: To represent Microsoft products and services to students in Campus. Hold various seminars and workshops in college regarding various technologies and encourage students to participate in competitions and pursue challenging task.
- **Student Placement Coordinator: Computer Department**
  Role: To interact with HR of various companies and coordinate all the activities of placement drive in college. Help students with all their difficulties during the entire process.
- Attended **Thiel Summit 2015** (**San Francisco**) representing my research projects for funding.
- **Competitions:**
  1] **Rajasthan Hackathon 2.0 (2017)** Project: Online career guidance using data mining and personalized test.
  2] **Rajasthan Hackathon 4.0 (2018)** Project: Online tourist helping application.
  3] **Smart India Hackathon 2017**   Project: Application for Ministry of HRD to improve policies in field of education.
  4] **ICPC 2017 & 2018**,   Actively participated in ICPC coding competitions, lead my team and also encouraged fellow students to participate in the competition.
  5] **Enigma codefest Machine Learning**, Stood 52nd rank at National level in a machine learning competition .
- Conducted various lectures and seminars in college on various technologies in field of Computer Engineering.
- Formed various teams in college and lead them for competitive coding competition and hackathons.

CERTIFICATIONS

- **Web Designing:**   Esquare Infotech
- **Web Development:**   Esquare Infotech
- **Machine Learning:**   Esquare Infotech
- **Python for Data Science:** DataCamp
- **Xamarin Forms:**   Udemy