



SOFTWARE DEVELOPER PRO PROGRAM

PART-TIME





ABOUT THE COURSE

UniKaksha's Software Developer Pro Program is specially designed to get students started in advanced Software Development which envelops front-end and back-end development such as publishing their own dynamic web apps, running a database, and implementing web authentication.

Once geared up for JavaScript for backend development, you will learn Node.js, MongoDB, Express.js, and ReactJS to make a dynamic website with their own web server which applies both front-end and back-end.

COURSE CODE - SDPP-PT

Course Type Part-Time Online

COURSE DETAILS

DURATION:	TIME
4 MONTHS	08:00PM - 11:00PM MONDAY - FRIDAY 10:00AM - 01:00PM SUNDAY

Payment Plan UPFRONT - ₹25,000/-

₹6500 X 4 IF MONTHLY PAYMENTS



ELIGIBILITY

- Currently studying in 1st, 2nd or Pre-Final Year of College
- Open to all branches & degrees
- Prior programming knowledge is a must



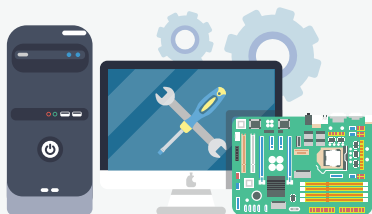
DOCUMENTS REQUIRED

Valid Aadhar Card



SKILLS REQUIRED

- Basic English
- Prior Programming Knowledge



HARDWARE

- Laptop or a desktop • Minimum 8 GB of RAM
- CPU configuration of Intel i3 processor (or equivalent) / 256 GB
- Minimum data requirement - 2GB / 4GB per day
- Download speed recommended 20mbps, minimum 10mbps)

Software Development Pro Program

WEEK 1-2

Getting started with the javascript library - jQuery. working with jQuery tags, selectors and Parent/Child elements. Covering the basics of SASS - a CSS pre-processor, variables, nesting css with sass , mixins and sass loops.

WEEK 3-7

We work with the basics of Webpack and understand the evolution of the web. Explore the underlying principles of how React works, and start building Single Page Applications with it. We will understand state management, component design, declarative style of writing code. We will work with React and see how its a UI library and help us build large projects by using Reusable Components and work on Routing and other advanced APIs of react to do global state management.

WEEK 8-10

Intro into Node.js and understand principles. Work with async operations, asnc IO, handling basic http requests , templating, routing. working with MongoDB with node js

WEEK 11-12

Express js introduction and using expressjs with react and using express and build APIs,

WEEK 13-16

Learn all about react routing, programmatic navigation, modularization and webpack, HMR and debugging, Server rendering, Encapsulated fetch, HOC , session handling and some of the advanced features in full stack development





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