IDP: ROUTEPLANNER APPLICATION

VISION

Forsailors is an innovative start-up that wants to change the way sailors search for yacht charters, plan their journeys and keep up-to-date with most recent sailing news and information. As friends and sailing enthusiasts, we have been building Forsailors.com since 2020. It started with the idea to greatly improve the yacht charter process and adjusting it to modern standards. Captivated with this idea, we noticed that there are many more aspects of modern sailing that can be improved, most importantly, the journey planning part. Our vision is to provide a standard solution for sailing journey planning, similar as Google Maps is a standard for navigation by car.

Forsailors is run by two passionate sailors, Vadim and Martin, who graduated from TUM (PHD resp. M.Sc.)

YOU

• You study Computer Science with interest in and willingness to experience an early-stage startup
• You show a hands-on mentality and work proactively and independently
• Prior experience in frontend and backend software development is a plus
• Experience with mapping libraries is optional but a big plus, too
• You want to be a part of a really cool project and gain valuable references and experience for the job market

YOUR TASKS

You will develop an online application that helps sailors to find and plan a route for their sailing holidays. The application consists of a map of most popular sailing destinations, along with nodes (=cities/bays) that can be part of a route. All nodes and routes are saved along with ample metadata, such as weather, sailing-related regulations, interesting facts about the area, etc. After configuring the perfect individual route, the client can go over to a separate process of booking a yacht (which is already set up). The whole application is already broken down into chunks with well-defined user stories (in JIRA). You will work in teams and get to design your own sprints, bring in your ideas and implement the application.

Milestones are:

• Conceptualize and implement a database, where route and charter base objects are stored
• Implement a nautic version of the Mapbox API with different, self-computed layers
• Display routes on a world map
• Create a filter functionality of routes
• Integrate route planning with yacht booking process (the process is already implemented)

CONTACT

If you have any question about your future IDP, do not hesitate to get in touch. Apply as an individual or team of 2-5 people. Send us your CV and previous projects or contact us for any further information!

Let’s get in touch: admin@forsailors.com